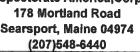
Inspectorate America, Corp. 178 Mortland Road Searsport, Maine 04974







INSPECTORATE

QUALITY CERTIFICATE

Vessel **SHORE TANK NO. 4** Customer **SPRAGUE** Operation **ANALYSIS**

Port Date Terminal

SEARSPORT, MAINE December 26, 2005 **SPRAGUE**

Report SP/05/1215 Reference V-05-01989 Sample # 239281

Name of material being tested Description of sample source Samples Drawn by (company) Samples Tested by (company)

NO. 6 FUEL OIL 2.0%

EX. SHORE TK NO. 4 AFTER DISCHARGE OF PENN 90 INSPECTORATE **INSPECTORATE**

Tests being Performed	Test method	Minimum	Maximum	Sample Source
GRAVITY, API @ 60 F FLASH POINT, F VISCOSITY, SSF @ 122 F POUR POINT, F WATER & SEDIMENT, % VOL. SULPHUR, % WT. SH, % WT. ANADIUM, PPM SODIUM, PPM BTU'S/POUND BTU'S/GALLON NITROGEN, % WT. CARBON RESIDUE, % WT.	ASTM D 4052 ASTM D 93 ASTM D 445/2161 ASTM D 97 ASTM D 1796 ASTM D 4294 ASTM D 482 AAVAE AAVAE CALCULATION CONVERSION ASTM D 5762			10.7 194 251 +26.6 0.10 1.80 0.05 94 8 18,287 151,544 0.4488
ASPHALTENES, % WT.	ASTM D 4530 IP-143			15.2 7.72
SPRAGUE PROVIDES THE ATTACHED INSPECTION REF REPRESENTING THE SPECIFICATIONS OF THE PRODU TERMINAL IN TANK ON THE DATE OF INSPECTION NOT THIS ANALYSIS IS PROVIDED TO THE CUSTOMER FOR ESTABLISHING THE INDEPENDENTLY VERIFIED PRODU A COMPOSITE BASIS IN SPRAGUE'S TERMINAL SHORE CERTIFICATE. THE INSPECTION REPORT IS NOT TO BE PURPOSE. SPRAGUE DISCLAIMS ANY LIABILITY FOR TH BY SPRAGUE TO CUSTOMER. SPRAGUE DISCLAIMS AN MERCHANTABILITY OR FITNESS FOR AN INTENDED USE E: SET FORTH IN WRITING IN ANY CONTRACT OR TERMS AND A BUYER OF PRODUCT. SPRAGUE ASSUMES NO LIA THAT MAY ARISE FROM CUSTOMER'S USE OF THIS INS	CT AT THE SPRAGUE IED ON THE CERTIFICATE. THE PURPOSE OF JCT SPECIFICATION ON ITANK AS NOTED ON THE E USED FOR ANY OTHER HE PRODUCT AFTER DELIVERY MY WARRANTY OF KCEPT AS MAY BE SPECIFICALLY OF SALE BETWEEN SPRAGUE BILITY FOR CLAIMS OR LOSSES			

DENNIS E. CURTIS





78 Pleasant Avenue, South Portland, ME

REPORT OF ANALYSIS

Vessel

Seaway L

Port/Terminal

Sprague, Searsport, ME

Client Reference

Our Reference

2005-0005

Date Sample Taken

01/09/05

Date Submitted

01/09/05

Date Tested

01/10/05

Drawn By

Sample Designated as #6 Fuel Oil Intertek Testing Services Caleb Brett

Representing

Shore Tank 4 UML Comp.

Lab Reference Number

Test	Method	Results	Units
Gravity / Density @ 1	5C ASTM D 1298	11.5 / 0.9889	API @ 60F / kg/l
Flash Point	ASTM D 93	184 / 84	F/C
Viscosity at 122 F	ASTM D 445/2161	504.3 / 238	cSt / SFS
Pour Point	ASTM D 97	+43 / +6	F/C
Sediment & Water by	Cent. ASTM D 1796	0.05	% Volume
Sulfur	ASTM D 4294-98	2.02	% Weight
Ash	ASTM D 482	0.050	Weight %
Water by Distillattion	ASTM D 95	<0.1	% Volume
Sediment by Extractio	n ASTM D .473	0.02	% Weight
Heat of Combustion	ASTM D-240	Pending	Btu/lb
Gravity	Table 8	Pending	lb/gal
Heat of Combustion	ASTM D-240	Pending	Btu/gal
Nitrogen	ASTM D-5762	Pending	Weight %
Vanadium	ASTM D-5863B	Pending	ppm
Sodium	ASTM D-5863B	Pending	ppm
Asphaltenes	IP-143	Pending	Weight %
Conradson Carbon Res	sidue ASTM D-4530	Pending	Weight %

original signed

Walter Lach, Intertek Caleb Brett

Appendix II.h

W1/020/038

Rev. 06012001

SPRAGUE PROVIDES THE ATTACHED INSPECTION REPORT/ANALYSIS REPRESENTING THE SPECIFICATIONS OF THE PRODUCT AT THE SPRAGUE TERMINAL IN TANK ON THE DATE OF INSPECTION NOTED ON THE CERTIFICATE. THIS ANALYSIS IS PROVIDED TO THE CUSTOMER FOR THE PURPOSE OF ESTABLISHING THE INDEPENDENTLY VERIFIED PRODUCT SPECIFICATION ON A COMPOSITE BASIS IN SPRAGUES TERMINAL SHORE TANK AS NOTED ON THE CERTIFICATE, THE INSPECTION REPORT IS NOT TO BE USED FOR ANY OTHER PURPOSE. SPRAGUE DISCLAIMS ANY LIABILITY FOR THE PRODUCT AFTER DELIVERY BY SPRAGUE TO CUSTOMER. SPRAGUE DISCLAIMS ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR AN INTENDED USE EXCEPT AS MAY BE SPECIFICALLY SET FORTH IN WRITING IN ANY CONTRACT OR TERMS OF SALE BETWEEN SPRAGUE AND A BUYER OF PRODUCT. SPRAGUE ASSUMES NO LIABILITY FOR CLAIMS OR LOSSES THAT MAY ARISE FROM CUSTOMER'S USE OF THIS INSPECTION REPORT/ANALYSIS.



78 Pleasant Avenue, South Portland, ME

REPORT OF ANALYSIS

Vessel

Seaway L

Port/Terminal

Sprague, Scarsport, ME

Client Reference

Our Reference

2005-0005

Date Sample Taken

01/11/05

Date Submitted

01/11/05

Date Tested

Sample Designated as #6 Fuel Oil

01/12/05

Drawn By

Intertek Testing Services Caleb Brett

Representing

Shore Tank 4 UML Comp.

Lah Reference Number

Test		Method	Results	Units
Gravity / I	Density @ 15C	ASTM D 287	11.7 / 0.9875	API (ử) 60F / kg/i
Flash Poin	t	ASTM D 93	183 / 84	F/C
Viscosity	at 122 F	ASTM D 445/2161	502.6 / 237	cSt / SFS
Pour Point		ASTM D 97	+37 / +3	F/C
Sediment of	& Water by Cent.	ASTM D 1796	0.05	% Volume
Sulfur, up	ner	ASTM D 4294-98	1.99	% Weight
Sulfur, mi	ddle	ASTM D 4294-98	1.97	% Weight
Sulfur, lov	ver	ASTM D 4294-98	1.99	% Weight
Sulfur, run	ining	ASTM D 4294-98	1.99	% Weight
Ash		ASTM D 482	0.054	Weight %
Water by I	Distillattion	ASTM D 95	< 0.1	% Volume
Sediment !	by Extraction	ASTM D .473	0.02	% Weight
Heat of Co	mbustion	ASTM D-240	18,329	Btu/lb
Gravity		Table 8	8.229	lb/gal
Heat of Co	mbustion	ASTM D-240	150,829	Btu/gal
Nitrogen		ASTM D-5762	0.47	Weight %
Vanadium		ASTM D-5863B	173	ppm
Sodium		ASTM D-5863B	23	ppm
Asphaltene	es	IP-143	11.4	Weight %
Conradson	Carbon Residue	ASTM D-4530	18.0	Weight %

original signed

Walter Lach, Intertek Caleb Brett

W1/030/038 Appendix 11.h

Rev. 06012001

SPRAGUE PROVIDES THE ATTACHED INSPECTION REPORT/ANALYSIS REPRESENTING THE SPECIFICATIONS OF THE PRODUCT AT THE SPRAGUE TERMINAL IN TANK ON THE DATE OF INSPECTION NOTED ON THE CERTIFICATE. THIS ANALYSIS IS PROVIDED TO THE CUSTOMER FOR THE PURPOSE OF ESTABLISHING THE INDEPENDENTLY VERIFIED PRODUCT SPECIFICATION ON A COMPOSITE BASIS IN SPRAGUE'S TERMINAL SHORE TANK AS NOTED ON THE CERTIFICATE. THE INSPECTION REPORT IS NOT TO BE USED FOR ANY OTHER PURPOSE. SPRAGUE DISCLAIMS ANY LIABILITY FOR THE PRODUCT AFTER DELIVERY BY SPRAGUE TO CUSTOMER, SPRAGUE DISCLAIMS ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR AN INTENDED USE EXCEPT AS MAY BE SPECIFICALLY SET FORTH IN WRITING IN ANY CONTRACT OR TERMS OF SALE BETWEEN SPRAGUE AND A BUYER OF PRODUCT. SPRAGUE ASSUMES NO LIABILITY FOR CLAIMS OR LOSSES THAT MAY ARISE FROM CUSTOMERS USE OF THIS INSPECTION REPORT/ANALYSIS.



QUALITY CERTIFICATE

Vessel SHORE TANK NO. 4

Customer SPRAGUE Operation ANALYSIS

Port SEARSPORT, MAINE Date February 16, 2005

Terminal SPRAGUE

Report SP/05/0215

Reference

Sample # 326468

Name of material being tested Description of sample source Samples Drawn by (company) Samples Tested by (company) **NO. 6 FUEL OIL 2.0%**

EX. SHORE TANK NO. 4 AFTER DISCHARGE OF M/T/ DOUBTLESS
BSI-INSPECTORATE
BSI-INSPECTORATE

Tests being Performed	Test method	Minimum	Maximum	Sample Source
GRAVITY, API @ 60 F	ASTM D 4052			11.4
FLASH POINT, F	ASTM D 93	100		200+
VISCOSITY, SSF @ 122 F	ASTM D 445/2161	100		211
POUR POINT, F	ASTM D 97			+32.0
WATER & SEDIMENT, % VOL.	ASTM D 1796			0.10
SULPHUR, % WT.	ASTM D 4294			1.964
H, % WT.	ASTM D 482			0.04
ANADIUM, PPM	AA/AE			114
SODIUM, PPM	AA/AE			22
BTU'S/POUND	CALCULATION			18,301
BTU'S/GALLON	CONVERSION			150,928
NITROGEN, % WT.	ASTM D 5762			0.4365
CARBON RESIDUE, % WT.	ASTM D 4530			15.00
ASPHALTENES, % WT.	IP-143			5.90
, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	140			0.50
				
SPRAGUE PROVIDES THE ATTACHED INSPECTION	ON REPORT/ANALYSIS			
REPRESENTING THE SPECIFICATIONS OF THE F	PRODUCT AT THE SPRAGUE			
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A COMPOSITE BASIS IN SPRAGUE'S TERMINAL	SHORE TANK AS NOTED ON THE	-		
CERTIFICATE. THE INSPECTION REPORT IS NOT	TO BE USED FOR ANY OTHER			
PURPOSE. SPRAGUE DISCLAIMS ANY LIABILITY BY SPRAGUE TO CUSTOMER. SPRAGUE DISCLA	HOW THE PRODUCT ALLER DEGISERS			
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SET FORTH IN WRITING IN ANY CONTRACT OR	TERMS OF SALE BETWEEN SPRAGUE	—		
AND A BUYER OF PRODUCT. SPRAGUE ASSUMES	NO LIABILITY FOR CLAIMS OR LOSSES	-		
THAT MAY ARISE FROM CUSTOMER'S USE OF T	nio ingrection report/analtois.			

DENNIS E. CURTIS







Vessel SHORE TANK

SHORE TANK NO. 4 SPRAGUE

Operation ANALYSIS

Customer

Port SEARSPORT, MAINE

Date March 14, 2005

Terminal SPRAGUE

Report SP/05/0309

Reference

Sample # 326506

Name of material being tested Description of sample source Samples Drawn by (company) Samples Tested by (company)

NO. 6 FUEL OIL 2.0%

EX. SHORE TANK NO. 4 AFTER DISCAHRGE OF NARODNY BRIDGE BSI-INSPECTORATE BSI-INSPECTORATE

Tests being Performed	Test method	Minimum Maxim	um Sample Source
			SV
GRAVITY, API @ 60 F	ASTM D 4052		11.5
FLASH POINT, F	ASTM D 93		199
VISCOSITY, SSF @ 122 F	ASTM D 445/2161		253
POUR POINT, F	ASTM D 97		+26.6
WATER & SEDIMENT, % VOL.	ASTM D 1796		0.05
SULPHUR, % WT.	ASTM D 4294		1.928
3H, % WT.	ASTM D 482		0.04
√ANADIUM, PPM	AA/AE		82
SODIUM, PPM	AA/AE		49
BTU'S/POUND	CALCULATION		18,321
BTU'S/GALLON	CONVERSION		150,983
NITROGEN, % WT.	ASTM D 5762		0.4082
CARBON RESIDUE, % WT.	ASTM D 4530		13.1
ASPHALTENES, % WT.	IP-143		5.52
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SPRAGUE PROVIDES THE ATTACHED INSPECTION	REPORT/ANALYSIS		
REPRESENTING THE SPECIFICATIONS OF THE PR	ODUCT AT THE SPRAGUE		-
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A COMPOSITE BASIS IN SPRAGUES TERMINAL SH	ORE TANK AS NOTED ON THE		
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MERCHANTABILITY OR FITNESS FOR AN INTENDED US			→
SET FORTH IN WRITING IN ANY CONTRACT OR TEI	RMS OF SALE BETWEEN SPRAGUE		
AND A BUYER OF PRODUCT. SPRAGUE ASSUMES NO	UABILITY FOR CLAIMS OR LOSSES		
THAT MAY ARISE FROM CUSTOMER'S USE OF THIS	S INSPECTION REPORT/ANALYSIS.		_

DENNIS E. CURTIS



QUALITY CERTIFICATE

Vessel Customer **SHORE TANK NO. 4**

Operation

SPRAGUE ANALYSIS Port

SEARSPORT, MAINE

Date Terminal

April 8, 2005 **SPRAGUE**

Report

SP/05/0406

Reference V-05-00623

Sample # 326549

Name of material being tested Description of sample source Samples Drawn by (company) Samples Tested by (company)

NO. 6 FUEL OIL 2.0%

EX. SHORE TANK NO. 4 AFTER DISCHARGE OF ARGIRONISSOS **BSI-INSPECTORATE BSI-INSPECTORATE**

Tests being Performed	Test method	Minimum Maximum	Sample Source
		-	
GRAVITY, API @ 60 F	ASTM D 4052		10.9
FLASH POINT, F	ASTM D 93		200+
VISCOSITY, SSF @ 122 F	ASTM D 445/2161		242
POUR POINT, F	ASTM D 97		+26.6
WATER & SEDIMENT, % VOL.	ASTM D 1796		0.05
SULPHUR, % WT.	ASTM D 4294		1.96
3H, % WT.	ASTM D 482		0.008
VANADIUM, PPM	AA/AE		81
SODIUM, PPM	AA/AE		10
BTU'S/POUND	CALCULATION		18,291
BTU'S/GALLON	CONVERSION		151,376
NITROGEN, % WT.	ASTM D 5762		0.3934
CARBON RESIDUE, % WT.	ASTM D 4530		13.70
ASPHALTENES, % WT.	IP-143		4.1
SPRAGUE PROVIDES THE ATTACHED INSPECTION REPRESENTING THE SPECIFICATIONS OF THE PITERMINAL IN TANK ON THE DATE OF INSPECTION THIS ANALYSIS IS PROVIDED TO THE CUSTOMER ESTABLISHING THE INDEPENDENTLY VERIFIED PACOMPOSITE BASIS IN SPRAGUE'S TERMINAL SICERTIFICATE. THE INSPECTION REPORT IS NOT PURPOSE. SPRAGUE DISCLAIMS ANY LIABILITY FBY SPRAGUE TO CUSTOMER. SPRAGUE DISCLAIM MERCHANTABILITY OR FITNESS FOR AN INTENDED LISET FORTH IN WRITING IN ANY CONTRACT OR TEAND A BUYER OF PRODUCT. SPRAGUE ASSUMES NITHAT MAY ARISE FROM CUSTOMERS USE OF THE	RODUCT AT THE SPRAGUE NOTED ON THE CERTIFICATE. FOR THE PURPOSE OF RODUCT SPECIFICATION ON FORE TANK AS NOTED ON THE FOR USED FOR ANY CITHER OR THE PRODUCT AFTER DELIVERY AS ANY WARRANTY OF SE EXCEPT AS MAY BE SPECIFICALLY RMS OF SALE BETWEEN SPRAGUE O LIABILITY FOR CLAMAS OR LOSSES		

DENNIS E. CURTIS





QUALITY CERTIFICATE

Vessel **SHORE TANK NO. 4** Port SEARSPORT, MAINE Report SP/05/0413 Customer **SPRAGUE** Date April 12, 2005 Reference DUANE SEEKINS Operation **ANALYSIS** Terminal SPRAGUE Sample # 326566

Name of material being tested Description of sample source Samples Drawn by (company) Samples Tested by (company)

NO. 6 FUEL OIL 2.0%

EX. SHORE TANK NO. 4 ON 4/11/05 BSI-INSPECTORATE BSI-INSPECTORATE

Tests being Performed	Test method	Minimum Maximum	Sample Source
S & W % VOL.	ASTM D 1796		0.05
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			*
SPRAGUE PROVIDES THE ATTACHED INSPECTION R			
REPRESENTING THE SPECIFICATIONS OF THE PROF TERMINAL IN TANK ON THE DATE OF INSPECTION N	OTED ON THE CERTIFICATE.		
THIS ANALYSIS IS PROVIDED TO THE CUSTOMER FO ESTABLISHING THE INDEPENDENTLY VERIFIED PRO			
A COMPOSITE BASIS IN SPRAGUE'S TERMINAL SHO CERTIFICATE. THE INSPECTION REPORT IS NOT TO	RE TANK AS NOTED ON THE		
PURPOSE. SPRAGUE DISCLAIMS ANY LIABILITY FOR BY SPRAGUE TO CUSTOMER. SPRAGUE DISCLAIMS	THE PRODUCT AFTER DELIVERY		
MERCHANTABILITY OR FITNESS FOR AN INTENDED USE	EXCEPT AS MAY BE SPECIFICALLY		
SET FORTH IN WRITING IN ANY CONTRACT OR TERM AND A BUYER OF PRODUCT. SPRAGUE ASSUMES NO I	LIABILITY FOR CLAIMS OR LOSSES		
THAT MAY ARISE FROM CUSTOMER'S USE OF THIS I	INSPECTION REPORT/ANALYSIS.		

DENNIS E. CURTIS



QUALITY CERTIFICATE

Vessel SHORE TANK NO. 4
Customer SPRAGUE

Operation

SPRAGUE ANALYSIS Port SEARSPORT, MAINE
Date May 12, 2005

Terminal SPRAGUE

Report SP/05/0516
Reference V-05-00764
Sample # 326626/637

Name of material being tested Description of sample source Samples Drawn by (company) Samples Tested by (company)

NO. 6 FUEL OIL 2.0%

EX. SHORE TANK NO. 4 AFTER DISCHARGE OF ASPHALT GLORY
BSI-INSPECTORATE
BSI-INSPECTORATE

Tests being Performed	Test method	Minimum	Maximum	Sample Source
GRAVITY, API @ 60 F	ASTM D 4052		4	11.0
FLASH POINT, F	ASTM D 93			163
VISCOSITY, SSF @ 122 F	ASTM D 445/2161			269
POUR POINT, F	ASTM D 97			+21.2
WATER & SEDIMENT, % VOL.	ASTM D 1796			0.10
SULPHUR, % WT.	ASTM D 4294			1.689
ASH, % WT.	ASTM D 482			0.076
VANADIUM, PPM	AA/AE			77
SODIUM, PPM	AA/AE			15
BTU'S/POUND	CALCULATION			18,314
BTU'S/GALLON	CONVERSION			151,457
NITROGEN, % WT.	ASTM D 5762			0.3908
CARBON RESIDUE, % WT.	ASTM D 4530			15.4
ASPHALTENES, % WT.	IP-143			8.75
SPRAGUE PROVIDES THE ATTACHED INSPECTION REPO				
REPRESENTING THE SPECIFICATIONS OF THE PRODUCT				
TERMINAL IN TANK ON THE DATE OF INSPECTION NOTE THIS ANALYSIS IS PROVIDED TO THE CUSTOMER FOR TH				
ESTABLISHING THE INDEPENDENTLY VERIFIED PRODUC	T SPECIFICATION ON			
A COMPOSITE BASIS IN SPRAGUE'S TERMINAL SHORE T.	ANK AS NOTED ON THE			
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PURPOSE. SPRAGUE DISCLAIMS ANY LIABILITY FOR THE BY SPRAGUE TO CUSTOMER. SPRAGUE DISCLAIMS ANY	PRODUCT AFTER DELIVERY		 	
MERCHANTABILITY OR FITNESS FOR AN INTENDED USE EXC				
SET FORTH IN WRITING IN ANY CONTRACT OR TERMS O	F SALE BETWEEN SPRAGUE			
AND A BUYER OF PRODUCT, SPRAGUE ASSUMES NO LIABI	LITY FOR CLAIMS OR LOSSES			
THAT MAY ARISE FROM CUSTOMER'S USE OF THIS INSP	ECTION REPORT/ANALYSIS.			
		-		

DENNIS E. CURTIS





Vessel SHORE TANK NO. 4

Customer SPRAGUE Operation ANALYSIS

Port Date SEARSPORT, MAINE

Date June 6, 2005 Terminal SPRAGUE Report SP/05/0602

Reference V-05-00672 Sample # 326672

Name of material being tested Description of sample source Samples Drawn by (company) Samples Tested by (company) **NO. 6 FUEL OIL 2.0%**

EX. SHORE TK NO. 4 AFTER DISCHARGE OF B NO. 215
BSI-INSPECTORATE
BSI-INSPECTORATE

Tests being Performed	Test method	Minimum	Maximum	Sample Source
P				
GRAVITY, API @ 60 F	ASTM D 4052			13.0
FLASH POINT, F	ASTM D 93			180
VISCOSITY, SSF @ 122 F	ASTM D 445/2161			291
POUR POINT, F	ASTM D 97			+26.6
WATER & SEDIMENT, % VOL.	ASTM D 1796			0.10
SULPHUR, % WT.	ASTM D 4294			1.424
ASH, % WT.	ASTM D 482			0.092
VANADIUM, PPM	AA/AE			78
SODIUM, PPM	AA/AE			6
BTU'S/POUND	CALCULATION			18,450
BTU'S/GALLON	CONVERSION			150,460
NITROGEN, % WT.	ASTM D 5762			0.417
CARBON RESIDUE, % WT.	ASTM D 4530			15.1
ASPHALTENES, % WT.	IP-143			9.16
* #				0.10
SPRAGUE PROVIDES THE ATTACHED INSPECTION F				
REPRESENTING THE SPECIFICATIONS OF THE PRO				
TERMINAL IN TANK ON THE DATE OF INSPECTION N THIS ANALYSIS IS PROVIDED TO THE CUSTOMER FO				
ESTABLISHING THE INDEPENDENTLY VERIFIED PRO				
A COMPOSITE BASIS IN SPRAGUE'S TERMINAL SHO	RE TANK AS NOTED ON THE			
CERTIFICATE. THE INSPECTION REPORT IS NOT TO				
PURPOSE. SPRAGUE DISCLAIMS ANY LIABILITY FOR BY SPRAGUE TO CUSTOMER. SPRAGUE DISCLAIMS				
MERCHANTABILITY OR FITNESS FOR AN INTENDED USE				
SET FORTH IN WRITING IN ANY CONTRACT OR TERI				
AND A BUYER OF PRODUCT. SPRAGUE ASSUMES NO				
THAT MAY ARISE FROM CUSTOMER'S USE OF THIS	INSPECTION REPORT/ANALYSIS.			

DENNIS E. CURTIS





SHORE TANK NO. 4 Vessel Customer

SPRAGUE ANALYSIS Port SEARSPORT, MAINE Date

Terminal

June 22, 2005 **SPRAGUE**

Report SP/05/0616 Reference V-05-00966

Sample # 326708

Name of material being tested Description of sample source Samples Drawn by (company) Samples Tested by (company)

Operation

NO. 6 FUEL OIL 2.0%

EX. SHORE TANK NO. 4 AFTER DISCHARGE OF PORT SAID **BSI-INSPECTORATE BSI-INSPECTORATE**

Tests being Performed	Test method	Minlmum	Maximum	Sample Source
GRAVITY, API @ 60 F	ASTM D 4052			12.0
FLASH POINT, F	ASTM D 93		1	187
VISCOSITY, SSF @ 122 F	ASTM D 445/2161			267
POUR POINT, F	ASTM D 97			+26.6
WATER & SEDIMENT, % VOL.	ASTM D 1796			0.10
SULPHUR, % WT.	ASTM D 4294			1.66
ASH, % WT.	ASTM D 482			0.044
VANADIUM, PPM	AA/AE	451 410 9481	56.000 (e)	101
SODIUM, PPM	AA/AE			11
BTU'S/POUND	CALCULATION			18,375
BTU'S/GALLON	CONVERSION			150,896
NITROGEN, % WT.	ASTM D 5762			0.405
CARBON RESIDUE, % WT.	ASTM D 4530			14.90
ASPHALTENES, % WT.	IP-143			4.5
SPRAGUE PROVIDES THE ATTACHED INSPECTION	REPORT/ANALYSIS			
REPRESENTING THE SPECIFICATIONS OF THE PRO TERMINAL IN TANK ON THE DATE OF INSPECTION I				
THIS ANALYSIS IS PROVIDED TO THE CUSTOMER F				
ESTABLISHING THE INDEPENDENTLY VERIFIED PRO	ODUCT SPECIFICATION ON			
A COMPOSITE BASIS IN SPRAGUE'S TERMINAL SHO CERTIFICATE, THE INSPECTION REPORT IS NOT TO				
PURPOSE. SPRAGUE DISCLAIMS ANY LIABILITY FOI	R THE PRODUCT AFTER DELIVERY			
BY SPRAGUE TO CUSTOMER, SPRAGUE DISCLAIMS	S ANY WARRANTY OF			
MERCHANTABILITY OR FITNESS FOR AN INTENDED US	E EXCEPT AS MAY BE SPECIFICALLY			ils.
SET FORTH IN WRITING IN ANY CONTRACT OR TER AND A BUYER OF PRODUCT. SPRAGUE ASSUMES NO	IMS OF SALE BETWEEN SPHAGUE			
THAT MAY ARISE FROM CUSTOMERS USE OF THIS				

DENNIS E. CURTIS



QUALITY CERTIFICATE

Vessel Customer **SHORE TANK NO. 4 SPRAGUE**

Operation **ANALYSIS** Port Date SEARSPORT, MAINE

SPRAGUE Terminal

July 8, 2005

Report SP/05/0709 Reference V-05-01020

Sample # 326740

Name of material being tested Description of sample source Samples Drawn by (company) Samples Tested by (company)

NO. 6 FUEL OIL 2.0%

EX. SHORE TANK NO. 4 AFTER DISCHARGE OF B NO. 215 **BSI-INSPECTORATE BSI-INSPECTORATE**

Tests being Performed	Test method	Minimum Maximum	Sample Source
		-	
GRAVITY, API @ 60 F FLASH POINT, F VISCOSITY, SSF @ 122 F POUR POINT, F WATER & SEDIMENT, % VOL. SULPHUR, % WT. H, % WT. VANADIUM, PPM SODIUM, PPM BTU'S/POUND BTU'S/GALLON NITROGEN, % WT. CARBON RESIDUE, % WT. ASPHALTENES, % WT.	ASTM D 4052 ASTM D 93 ASTM D 445/2161 ASTM D 97 ASTM D 1796 ASTM D 4294 ASTM D 482 AA/AE AA/AE CALCULATION CONVERSION ASTM D 6762 ASTM D 4530 IP-143		11.6 200+ 231 +32.0 0.05 1.59 0.051 85 11 18,373 151,302 0.3581 13.68 5.2
SPRAGUE PROVIDES THE ATTACHED INSPECTION REPORT REPRESENTING THE SPECIFICATIONS OF THE PRODUCT A TERMINAL IN TANK ON THE DATE OF INSPECTION NOTED O THIS ANALYSIS IS PROVIDED TO THE CUSTOMER FOR THE ESTABLISHING THE INDEPENDENTLY VERIFIED PRODUCT: A COMPOSITE BASIS IN SPRAGUE'S TERMINAL SHORE TAN CERTIFICATE. THE INSPECTION REPORT IS NOT TO BE USI PURPOSE. SPRAGUE DISCLAIMS ANY LIABILITY FOR THE PI BY SPRAGUE TO CUSTOMER. SPRAGUE DISCLAIMS ANY W MERCHANTABILITY OR FITNESS FOR AN INTENDED USE EXCEP SET FORTH IN WRITING IN ANY CONTRACT OR TERMS OF: AND A BUYER OF PRODUCT. SPRAGUE ASSUMES NO LIABILIT THAT MAY ARISE FROM CUSTOMERS USE OF THIS INSPEC	IT THE SPRAGUE ON THE CERTIFICATE. PURPOSE OF SPECIFICATION ON IK AS NOTED ON THE ED FOR ANY OTHER RODUCT AFTER DELIVERY VARRANTY OF IT AS MAY BE SPECIFICALLY SALE BETWEEN SPRAGUE ITY FOR CLAIMS OR LOSSES		

BSI-Inspectorate America 178 Mortland Road Searsport, Maine 04974





QUALITY CERTIFICATE



Vessel **SHORE TANK NO. 4** Customer **SPRAGUE** Operation **ANALYSIS**

Port SEARSPORT, MAINE Date August 9, 2005 Terminal

Report SP/05/0811 Reference V-05-01137 **SPRAGUE** Sample # 326786 & 326788

Name of material being tested Description of sample source Samples Drawn by (company) Samples Tested by (company)

NO. 6 FUEL OIL 2.0%

EX. SHORE TK NO. 4 AFTER DISCHARGE OF EMERALD STAR **BSI-INSPECTORATE BSI-INSPECTORATE**

GRAVITY, API @ 60 F	Tests being Performed	Test method	Minimum	Maximum	Sample Source
FLASH POINT, F VISCOSITY, SSF @ 122 F ASTM D 9445/2161 POUR POINT, F ASTM D 97 ASTM D 1796 0.01 SULPHUR, % WT. ASTM D 4294 1.28 ASTM D 482 0.030 ANADIUM, PPM AA/AE SODIUM, PPM AA/AE BTU'S/POUND CALCULATION 18,524 BTU'S/GALLON CONVERSION NITROGEN, % WT. ASTM D 5762 0.278 CARBON RESIDUE, % WT. ASTM D 4530 10.04 ASPHALTENES, % WT. IP-143 SPRAGUE PROVIDES THE ATTACHED INSPECTION REPORT/ANALYSIS REPRESENTING THE SPECIFICATIONS OF THE PRODUCT AT THE SPRAGUE TERMINAL IN TANK ON THE DATE OF INSPECTION NOTED ON THE CERTIFICATE. THIS ANALYSIS IS PROVIDED TO THE CUSTOMER FOR THE PURPOSE OF ESTABLISHING THE INSPECTION REPORT IS NOTED ON THE CERTIFICATE. THE INSPECTION SORE SECRET AS MAY BE SPECIFICALLY SET FORTH IN WITHING IN ANY CONTRACT OR TERMS OF SALE BETWEEN SPRAGUE AND A BLYEF OF PRODUCT. SPRAGUE ASSIMES NOTED ON THE SALE BETWEEN SPRAGUE AND A BLYEF OF PRODUCT. SPRAGUE ASSIMES NO LABBILITY FOR THE SPRAGUE AND A BLYEF OF PRODUCT. SPRAGUE ASSIMES NO LABBILITY FOR SALE BETWEEN SPRAGUE AND A BLYEF OF PRODUCT. SPRAGUE ASSIMES NO LABBILITY FOR SALE BETWEEN SPRAGUE AND A BLYEF OF PRODUCT. SPRAGUE ASSIMES NO LABBILITY FOR SALE BETWEEN SPRAGUE					
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DENNIS E. CURTIS







Vessel **SHORE TANK NO. 4** Customer **SPRAGUE**

Operation **ANALYSIS**

Port Date Terminal SEARSPORT, MAINE

August 26, 2005 SPRAGUE

Report SP/05/0820 Reference V-05-01248 Sample # 326821

Name of material being tested **Description of sample source** Samples Drawn by (company) Samples Tested by (company)

NO. 6 FUEL OIL 2.0%

EX. SHORE TANK NO. 4 AFTER DISCHARGE OF PENN 121 **BSI-INSPECTORATE BSI-INSPECTORATE**

Tests being Performed	Test method	Minimum Maximum	Sample Source
GRAVITY, API @ 60 F	ASTM D 4052		13.0
FLASH POINT, F VISCOSITY, SSF @ 122 F	ASTM D 93 ASTM D 445/2161		200+ 242
POUR POINT, F	ASTM D 97		+32.0
WATER & SEDIMENT, % VOL.	ASTM D 1796		0.05
SULPHUR, % WT.	ASTM D 4294		1.23
H, % WT.	ASTM D 482		0.030
VANADIUM, PPM	AA/AE		37
SODIUM, PPM	AA/AE		14
BTU'S/POUND	CALCULATION		18,500
BTU'S/GALLON	CONVERSION		150,868
NITROGEN, % WT.	ASTM D 5762		0.303
CARBON RESIDUE, % WT.	ASTM D 4530		11,96
ASPHALTENES, % WT.	IP-143		3.79
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THAT MAY ARISE FROM CUSTOMER'S USE OF THE	S INSPECTION REPORT/ANALYSIS.		

DENNIS E. CURTIS







Vessel SHORE TANK NO. 4 Customer SPRAGUE

Operation **ANALYSIS** Port Date

Terminal

SEARSPORT, MAINE

September 20, 2005 SPRAGUE

Report SP/05/0915 Reference V-05-01368

Sample # 326881

Name of material being tested Description of sample source Samples Drawn by (company) Samples Tested by (company)

NO. 6 FUEL OIL 2.0%

EX. SHORE TANK NO. 4 AFTER DISCHARGE OF NORMAN MCLEOD **BSI-INSPECTORATE BSI-INSPECTORATE**

Tests being Performed	Test method	Minimum	Maximum	Sample Source
GRAVITY, API @ 60 F	ASTM D 4052			12.8
FLASH POINT, F	ASTM D 93			200+
VISCOSITY, SSF @ 122 F	ASTM D 445/2161			219
POUR POINT, F	ASTM D 97			+36.8
WATER & SEDIMENT, % VOL.	ASTM D 1796			0.10
SULPHUR, % WT.	ASTM D 4294			1.43
ASH, % WT.	ASTM D 482			0.04
VANADIUM, PPM	AA/AE			74
SODIUM, PPM	AA/AE			18
BTU'S/POUND	CALCULATION			18,449
BTU'S/GALLON	CONVERSION			150,655
NITROGEN, % WT.	ASTM D 5762			0.266
CARBON RESIDUE, % WT.	ASTM D 4530			11.99
ASPHALTENES, % WT.	IP-143			3.91
				0.07
SPRAGUE PROVIDES THE ATTACHED INSPECTI REPRESENTING THE SPECIFICATIONS OF THE I				
TERMINAL IN TANK ON THE DATE OF INSPECTIO				
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A COMPOSITE BASIS IN SPRAGUE'S TERMINAL: CERTIFICATE THE INSPECTION REPORT IS NOT		-		
PURPOSE SPRAGUE DISCLAIMS ANY LIABILITY				
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MERCHANT ABILITY OR FITNESS FOR AN INTENDED		-		
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THAT MAY ARISE FROM CUSTOMER'S USE OF T				
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DENNIS E. CURTIS

BSI-Inspectorate America 178 Mortland Road Searsport, Maine 04974





QUALITY CERTIFICATE

Vessel **SHORE TANK NO. 4** Customer

Operation

SPRAGUE

ANALYSIS Terminal

Port SEARSPORT, MAINE Date October 3, 2005

Report SP/05/1002 Reference V-05-01436 **SPRAGUE** Sample # 326987

Name of material being tested **Description of sample source** Samples Drawn by (company) Samples Tested by (company)

NO. 6 FUEL OIL 2.0%

EX. SHORE TK NO. 4 AFTER DISCHARGE OF NORMAN MCLEOD **BSI-INSPECTORATE BSI-INSPECTORATE**

GRAVITY, API @ 60 F		
STASH POINT, F ASTM D 93 ASTM D 445/2161 ASTM D 97 VATER & SEDIMENT, % VOL. ASTM D 1796 SULPHUR, % WT. ASTM D 4294 ASTM D 482 ANADIUM, PPM AA/AE SODIUM, PPM AA/AE SOUIM, PPM AA/AE STU'S/POUND CALCULATION CONVERSION ASTM D 5762 CARBON RESIDUE, % WT. ASTM D 4530 IP-143 SPRAGUE PROVIDES THE ATTACHED INSPECTION REPORT/ANALYSIS REPRESENTING THE SPECIFICATIONS OF THE PRODUCT AT THE SPRAGUE TERMINAL IN TANK ON THE DATE OF INSPECTION NOTED ON THE CERTIFICATE. THIS ANALYSIS IS PROVIDED TO THE CUSTOMER FOR THE PURPOSE OF ESTABLISHING THE INDEPENDENTLY VERIFIED PRODUCT SPECIFICATION ON A COMPOSITE BASIS IN SPRAGUES TERMINAL SHORE TANK AS NOTED ON THE CERTIFICATE. THE INSPECTION REPORT IS NOT TO BE USED FOR ANY OTHER PURPOSE. SPRAGUE DISCLAIMS ANY LIABILITY FOR THE PRODUCT AFTER DELIVERY BY SPRAGUE TO CUSTOMER. SPRAGUE DISCLAIMS ANY WARRANTY OF		
LASH POINT, F ASTM D 93 ASTM D 445/2161 OUR POINT, F ASTM D 97 VATER & SEDIMENT, % VOL. ULPHUR, % WT. ASTM D 4294 IH, % WT. ASTM D 482 ANADIUM, PPM AA/AE ODIUM, PPM AA/AE ODIUM, PPM AA/AE TU'S/POUND CALCULATION CONVERSION ITROGEN, % WT. ASTM D 5762 ASTM D 5762 ASTM D 4530 IP-143 SPRAGUE PROVIDES THE ATTACHED INSPECTION REPORT/ANALYSIS REPRESENTING THE SPECIFICATIONS OF THE PRODUCT AT THE SPRAGUE TERMINAL IN TANK ON THE DATE OF INSPECTION NOTED ON THE CERTIFICATE. THIS ANALYSIS IS PROVIDED TO THE CUSTOMER FOR THE PURPOSE OF ESTABLISHING THE INDEPENDENTLY VERIFIED PRODUCT SPECIFICATION ON A COMPOSITE BASIS IN SPRAGUES TERMINAL SHORE TANK AS NOTED ON THE CERTIFICATE. THE INSPECTION REPORT IS NOT TO BE USED FOR ANY OTHER PURPOSE. SPRAGUE DISCLAIMS ANY LIABILITY FOR THE PRODUCT AFTER DELIVERY BY SPRAGUE TO CUSTOMER. SPRAGUE DISCLAIMS ANY WARRANTY OF		
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SET FORTH IN WRITING IN ANY CONTRACT OR TERMS OF SALE BETWEEN SPRAGUE AND A BUYER OF PRODUCT, SPRAGUE ASSUMES NO LIABILITY FOR CLAIMS OR LOSSES		
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DENNIS E. CURTIS

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BSI-inspectorate America 178 Mortland Road Searsport, Maine 04974 (207)548-6440



QUALITY CERTIFICATE

Vessel Customer SHORE TANK NO. 4

Customer Operation SPRAGUE ANALYSIS Port Date SEARSPORT, MAINE October 25, 2005

Terminal SPRAGUE

Report

SP/05/1025

Reference V-05-01523

Sample # 239089

Name of material being tested Description of sample source Samples Drawn by (company) Samples Tested by (company) **NO. 6 FUEL OIL 2.0%**

EX. SHORE TK NO. 4 AFTER DISCHARGE OF MINERVA ZEN BSI-INSPECTORATE BSI-INSPECTORATE

Tests being Performed	Test method	Minimum	Maximum	Sample Source
GRAVITY, API @ 60 F	ASTM D 4052			10.5
FLASH POINT, F	ASTM D 93			190
VISCOSITY, SSF @ 122 F	ASTM D 445/2161			220
POUR POINT, F	ASTM D 97			+21.2
WATER & SEDIMENT, % VOL.	ASTM D 1796			0.05
SULPHUR, % WT.	ASTM D 4294			1.87
3H, % WT.	ASTM D 482			0.01
NADIUM, PPM	AA/AE			65
SODIUM, PPM	AA/AE			9
BTU'S/POUND	CALCULATION			18,283
BTU'S/GALLON	CONVERSION			151,731
NITROGEN, % WT.	ASTM D 5762			0.3599
CARBON RESIDUE, % WT.	ASTM D 4530			12.8
ASPHALTENES, % WT.	IP-143		 	3.60
				3.00
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DENNIS E. CURTIS

BSI-Inspectorate America 178 Mortland Road Searsport, Maine 04974





QUALITY CERTIFICATE

Vessel

SHORE TANK NO. 4

Customer Operation

SPRAGUE ANALYSIS

Port Date

SEARSPORT, MAINE November 18, 2005

Terminal SPRAGUE Report

SP/05/1115

Reference V-05-01683

Sample # 239174

Name of material being tested Description of sample source Samples Drawn by (company) Samples Tested by (company) **NO. 6 FUEL OIL 2.0%**

EX. SHORE TK NO. 4 AFTER DISCHARGE OF WESTERN BALTIC **INSPECTORATE INSPECTORATE**

GRAVITY, API @ 60 F	ASTM D 4052		10.4
FLASH POINT, F	ASTM D 93		190
VISCOSITY, SSF @ 122 F	ASTM D 445/2161		228
POUR POINT, F	ASTM D 97		+26.6
WATER & SEDIMENT, % VOL.	ASTM D 1796		0.10
SULPHUR, % WT.	ASTM D 4294		1.91
3H, % WT.	ASTM D 482		0.03
NADIUM, PPM	AA/AE		53
SODIUM, PPM	AA/AE		11
BTU'S/POUND	CALCULATION		18,259
BTU'S/GALLON	CONVERSION		151,641
NITROGEN, % WT	ASTM D 5762		0.3783
CARBON RESIDUE, % WT.	ASTM D 4530		12.8
ASPHALTENES, % WT.	IP-143		3.70
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SPRAGUE PROVIDES THE ATTACHED INSPECTION R	EPORT/ANALYSIS		
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DENNIS E. CURTIS









Vessel Customer

SHORE TANK NO. 4

SPRAGUE Operation

ANALYSIS

Name of material being tested Description of sample source

Samples Drawn by (company)

Samples Tested by (company)

Port Date SEARSPORT, MAINE

December 20, 2005 Terminal

SPRAGUE

Report SP/05/1213

Reference V-05-01895 Sample # 239270

NO. 6 FUEL OIL 2.0%

EX. SHORE TK NO. 4 AFTER DISCHARGE OF ISOLA VERDE **INSPECTORATE INSPECTORATE**

Tests being Performed	Test method	Minimum	Maximum	Sample Source
GRAVITY, API @ 60 F	ASTM D 4052			11.2
FLASH POINT, F	ASTM D 93			163
VISCOSITY, SSF @ 122 F	ASTM D 445/2161			261
POUR POINT, F	ASTM D 97			+36.8
WATER & SEDIMENT, % VOL.	ASTM D 1796			0.05
SULPHUR, % WT.	ASTM D 4294			1.88
'^ SH, % WT.	ASTM D 482			0.045
ANADIUM, PPM	AA/AE			139
SODIUM, PPM	AA/AE			8
BTU'S/POUND	CALCULATION			18,311
BTU'S/GALLON	CONVERSION			151,212
NITROGEN, % WT.	ASTM D 5762			0.4881
CARBON RESIDUE, % WT.	ASTM D 4530			16.7
ASPHALTENES, % WT.	IP-143	-		10.71
				10.77
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SPRAGUE PROVIDES THE ATTACHED INSPECTION REPOR	IT/ANALYSIS			
REPRESENTING THE SPECIFICATIONS OF THE PRODUCT	AT THE SPRAGUE			
TERMINAL IN TANK ON THE DATE OF INSPECTION NOTED THIS ANALYSIS IS PROVIDED TO THE CUSTOMER FOR THI	ON THE CERTIFICATE.			
I ESTABLISHING THE INDEPENDENTLY VERIFIED PRODUCT	SPECIFICATION ON			
I A COMPOSITE BASIS IN SPRAGUE'S TERMINAL SHORE TAI	NK AS MOTED ON THE			
CENTIFICATE. THE INSPECTION REPORT IS NOT TO BE ITS	ED FOR ANY OTHER			
PURPOSE. SPRAGUE DISCLAIMS ANY LIABILITY FOR THE F BY SPRAGUE TO CUSTOMER. SPRAGUE DISCLAIMS ANY W	PRODUCT AFTER DELIVERY			
MEHCHANTABILITY OR FITNESS FOR AN INTENDED USE FYCE	PT AS MAY BE SPECIFICALLY		(1)	
SELFURIH IN WHITING IN ANY CONTRACT OR TERMS OF	SALE RETWEEN SPRACHE			
AND A BUYER OF PRODUCT, SPRAGUE ASSUMES NO HARRIT	TY FOR CLAIMS OR LOSSES	 		
THAT MAY ARISE FROM CUSTOMER'S USE OF THIS INSPEC	CTION REPORT/ANALYSIS.			
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				73. 30.7





Vessel

SHORE TANK NO. 4

Customer Operation **SPRAGUE**

ANALYSIS

Port Date SEARSPORT, MAINE

Terminal SPRAGUE

December 23, 2004

Report

SP/04/1224

Reference

Sample # 326361-2-3

Name of material being tested Description of sample source Samples Drawn by (company) Samples Tested by (company)

NO. 6 FUEL OIL 2.0%

EX. SHORE TANK NO. 4 AFTER DISCHARGE OF SEAWAY L **BSI-INSPECTORATE BSI-INSPECTORATE**

Tests being Performed	Test method	Minimum Maximum	Sample Source
GRAVITY, API @ 60 F FLASH POINT, F VISCOSITY, SSF @ 122 F POUR POINT, F WATER & SEDIMENT, % VOL. SULPHUR, % WT. Y, % WT.	ASTM D 4052 ASTM D 93 ASTM D 445/2161 ASTM D 97 ASTM D 1796 ASTM D 4294 ASTM D 482 AA/AE		11.0 199 223 +26.6 0.05 1.993 0.059
SODIUM, PPM BTU'S/POUND BTU'S/GALLON NITROGEN, % WT. CARBON RESIDUE, % WT. ASPHALTENES, % WT.	AA/AE CALCULATION CONVERSION ASTM D 3228 ASTM D 4530 IP-143		16 18,282 151,192 0.484 18.49 10.75
SPRAGUE PROVIDES THE ATTACHED INSPECTION REPRESENTING THE SPECIFICATIONS OF THE PROTEIN TERMINAL IN TANK ON THE DATE OF INSPECTION THIS ANALYSIS IS PROVIDED TO THE CUSTOMER FESTABLISHING THE INDEPENDENTLY VERIFIED PROPORTION OF THE PROPORT IS NOT TO PURPOSE. SPRAGUE DISCLAIMS ANY LIABILITY FOR BY SPRAGUE TO CUSTOMER. SPRAGUE DISCLAIMS MERCHANTABILITY OF FITNESS FOR AN INTENDED US SET FORTH IN WRITING IN ANY CONTRACT OR TER AND A BUYER OF PRODUCT. SPRAGUE ASSUMES NO THAT MAY ARISE FROM CUSTOMERS USE OF THIS	DUCT AT THE SPRAGUE NOTED ON THE CERTIFICATE. FOR THE PURPOSE OF ODUCT SPECIFICATION ON ORE TANK AS NOTEC ON THE OBE USED FOR ANY CTHER R THE PRODUCT AFTER DELIVERY S SANY WARRANTY OF E EXCEPT AS MAY BE SPECIFICALLY MS OF SALE BETWEEN SPRAGUE ILLABILITY FOR CLAIMS OR LOSSES		

DENNIS E. CURTIS



Vessel THALASSA DESGAGNES

Customer SPRAGUE Operation ANALYSIS

Port SEARSPORT, ME.
December 29, 2006
Terminal SPRAGUE SEARSPORT

Report SP/06/1223 Ref. No. V-06-01811 Sample # AS BELOW

Material being tested

Description of sample source Samples Drawn by (company) Samples Tested by (company) #6 FUEL OIL (2.00%)

SHORE TKS # 3 & 4 UML COMPOSITE AFTER THALASSA DESGAGNES
INSPECTORATE AMERICA
INSPECTORATE AMERICA

Tests i	peing Performed	Test method	Minimum	Maximum	San	nple Result
	W				TK 3	TK 4
API Gravity @60/F	Calculated Average	D-287	10		11.2	11.3
Sulphur, %wt	Calculated Average	D-4294		2.00	1.322	1.355
Viscosity, CST @ 500	Calculated Average	. ш. сэ D-445			5 25	513
Viscosity, SSF @ 122	F Calculated Average	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	75	300	248	242
Water by Distillation, \		85 5 D-95		1.0	0.1	0.2
Sediment by Extractio	W. Mr. Shares and the control of the	[발출] [6년] D-473		0.1	0.01	0.01
Water & Sediment, Vo	A METAGORA SECTION OF	D-1796		1.0	0.1	0.2
Flash Pt/F	PORT STREET OF THE PORT STREET O	[0] [0] [0] [0] [0] [0] [0] [0] [0] [0]	150		225	228
Ash, %wt	ON MEDICAL STATES	Ē9 ∰ D-482		0.1	0.037	0.036
Vanadium, ppm	PECTI PECTINE STOWN STOW	5		300	42	47
Sodium, ppm	ACHED SE SATIONS OF TATE OF INS TO THE OU SENTLY VE GUENTLY VE SPECAN LIS SPRAGUE	1978 IP-470		60	37	44
Nitrogen, Wt %	SATTACHED: SATTACHED: SPICATIONS: PENDENTLY W PRACUES TE CTON REPORT CAMES ANY L MES SPRAGUES PERSONALIES TE CHON REPORT PERSONALIES TE CHON REPORT PERSONALIES TE CHON REPORT PERSONALIES TE PENSONALIES	0 D-5762		0.55	0.3462	0.3449
Heat Of Combustion, I		A BLYER OF PRODUCT, SPRAGUE AS A BLYER OF PRODUCT SPRAGUE AS A	Report		18,376	18,564
Heat Of Combustion, I	SPRAGUE PROVIDED THE SPRAGUE PROVIDED THE SPRAGUE PROVIDED THE SPRAGUE SEALISHING THE RICEPE ESTABLISHING THE RICEPE BY SPRAGUE TO CUSTOME BY SPRAGUE TO CUSTOME BY SPRAGUE TO CUSTOME	Conversion	Report		151,749	153190
Asphaltenes, Wt %	I PROVI NTING I NTA I NG T SITE B SPA SPA SPA SPA	意告報 IP-143		14	4.57	4.72
Carbon Residue, % wi	PRAGUE PROWINGS PRAGUE PROWINGS REPRESENTING THE TERMINAL IN TANK OF THIS AVALYSIS IS PRESTABLISHING THE IN COMPOSITE EASIS CERTIFICATE. THE IN PURPOSE SPRAGUE TO CUIS MENOMANA CONTY AND THE IN THE	D-4530		21	11.39	11.26
Pour Point,F	SPR THIS THIS CENT CENT PURE EST	등록 D-97		60	42.8	42.8
Api Gravity @60/F	Upper - Tag # 258649 258652	D-287	10		11.2	11.2
M	liddle Tag # 258650 258653				11.2	11.3
L	ower Tag # 258651 258654				11.2	11.3
Sulphur, %wt	Upper Tag # 258649 258652	D-4294		2.00	1.32	1.36
M	liddle Tag # 258650 258653				1.32	1.36
Le	ower Tag # 258651 258654				1.32	1.35
Viscosity, SSF @ 122F	F Upper Tag# 258649 258652	D-445/2161	75	300	250	240
M	iddle Tag# 258650 258653				247	240
L	ower Tag # 258651 258654				246	245





Book

Vessel ENERGY 11104
Customer SPRAGUE
Operation ANALYSIS

Port Date Terminal SEARSPORT, ME. August 28, 2006 SPRAGUE SEARSPORT

Report SP/06/0816 Ref. No. V-06-01159 Sample # AS BELOW

Material being tested

Description of sample source Samples Drawn by (company) Samples Tested by (company)

#6 FUEL OIL (2.00%)

SHORE TANKS UML COMPOSITE AFTER ENERGY 11104
INSPECTORATE AMERICA
INSPECTORATE AMERICA

Ţ	ests being Performed	Test method	Minlmum	Maximum	Sam	ple Resuit
					844220	844221
			Т		TK#3	TK#4 '
API Gravity @60)/F Calculated Average ≿	스 및 영향 D-5002	10		12.1	11.4
Sulphur, %wt	Calculated Average	MAY BE SPECIFICALLY BETWEEN SPRAGUE BETWEEN SPRAGUE BETWEEN SPRAGUE BETWEEN SPRAGUE BETWEEN SPRAGUE D-4445 D-445/2161		2.00	1.32	1.41
Viscosity, CST (D 50C Calculation Company of the Property of t	D-445			373	335
Viscosity, SSF @	2 122F Calculation Constitution	全与弓罡D-445/2161	75	300	176.0	158.5
Water by Distilla	To BE USED FOR THE PROPORT SHOWN WARRANT SINCE SHOWN TO BE COMMISSION WAS ANY WARRANT SINCE SHOWN WARRANT	EPT AS FSALE FSALE D-82 D-82		1.0	0.1	0.1
Sediment by Ext	Traction, Wt Color of the Color	00 ap D-473		0.1	0.02	0.03
Water & Sedime	MIDES THE ATTACHED INSPECTION REPORT THE PROPUCT AT THE PROPUS SIS IN SPECIAL SIS IN SPECTION REPORT THE PROPUS SIS PROVIDED TO THE CUSTOMER FOR THE PURPOSES IS PROVIDED TO THE PURPOSE SIS IN SPRAGUES TERMINAL SHORE TANK AS INDITIONED TO CLISTOMER SPRAGUE DISCLAMAS AND THE PURPOSES IS ARROWED TO CLISTOMER SPRAGUE DISCLAMAS AND THE PURPOSES IN SPRAGUE DISCLAMAS AND THE PURPOSE SIS IN SPRAGUE	OR FINESS FOR AN INTENDED USE EXCEPT AS MAY BE SPECIFICALLY OR FINESS FOR AN INTENDED USE EXCEPT AS MAY BE SPECIFICALLY OR FINES FOR THIS INSPECIFICAL SPACE BETWEEN SPRAGUE STRING IN ANY CONTRACT OR TERMS OF SALE BETWEEN SPRAGUE STRING IN ANY CONTRACT OR TERMS OF SALE BETWEEN SPRAGUE STRING IN ANY DESCRIPTION AND SPRAGUE STRING IN ANY DESCRIPTION ANY DESCRIPTION AND SPRAGUE STRING IN ANY DESCRIPTION AND SPRAG		1.0	0.1	0.1
Flash Pt/F	USPEC OF TH USPEC HAMIN TI IS N TI IS N TI IS N TI IS N	D-93 B	150		212+	212+
Ash, %wt	TACHED IN CATIONS ATE OF IN TO TO THE C DENTLY E GOINT SARVEN ANS ANY OF SARVEN	NY CONTRA NINT CON		0.1	0.032	0.040
Vanadlum, ppm	SERVING THE ATTACHED INSPECTION THE PROFILE BROWDES THE ATTACHED INSPECTION TERMINAL IN TANK ON THE DATE OF INSPECTION THE STABLISHING THE INDEPENDENTLY VERIFIED PROFILE BASIS IN SPRACIUE'S TERMINAL SHADDED TO THE CUSTOMEN IN SERVING THE INSPECTION THE COMPOSITE BASIS IN SPRACIUE'S TERMINAL SHADDED TO THE CUSTOMEN IN SERVING THE INSPECTION THE CUSTOMEN IN SPRACIUE TO CITIZOLAIMS ANY LABILITY FOR SERVING THE CONTROLAIMS ANY LABILITY FOR SERVING THE CUSTOMEN SAPRAGUE DISCLAIMS AND TABLIST FOR THE CUSTOMEN SAPRAGUE DISCLAIMS A	SSI P-470		300	45	58
Sodium, ppm	SES THE ATT. HE SPECIFIC IN ON THE DAY IN PROVIDED I HE INDEPENT SIS IN SPRA E INSPECTIO	AND A BUYER OF PRODUCT SF THAT MAY ARISE FROM CUST THAT MAY ARISE FROM		60	20	15
Nitrogen, Wt %	ANDES ANK O ANK O SIS PR THE IN	D-5762		0.55	0.3414	0.3584
Heat Of Combus	& Z = K > H m & n	D-240	Report		18380	18298
Heat Of Combus	PUBLISHING STABLISHING STABLISHING STABLISHING CERTIFICATE A COMPOSITE COMPO	MERCHANTA SET FORTH HAT A BUTE THAT A BUTE TO TAKE	Report		150826	150904
Asphaltenes, W	8 HH H W A B A B A B A B A B A B A B A B A B A	IP-143		14	2.48	3.59
Carbon Residue	, % wt	D-4530		21	10.4	11.0
Pour Point,F		D-97		60	+26.6	+26.6
Api Gravity @60	/F Upper - Tag # 258179/258182	P-4052	10		12.1	12.0
	Mlddle Tag # 258180/258183				12.0	11.2
	Lower Tag # 258181/258184				12.1	11.1
Sulphur, %wt	Upper Tag # 258179/258182	D-4294		2.00	1.32	1.62
	Middle Tag # 258180/258183		<u></u>		1.34	1.31
	Lower Tag # 258181/258184				1.30	1.30
Viscosity, SSF @	2 122F Upper Tag# 258179/2581	82 D-445/2161	75	300	176.5	226
	Middle Tag# 258180/258183	3			174.6	123.8
	Lower Tag # 258181/258184	4	8.		177.0	125.7



Vessel GEORGIA Customer SPRAGUE Operation ANALYSIS Port SEARSPORT, ME.
Date September 29, 2006
Terminal SPRAGUE SEARSPORT

Report SP/06/1001 Ref. No. V-06-01349 Sample # 844527

Material being tested

Description of sample source Samples Drawn by (company) Samples Tested by (company)

#6 FUEL OIL (2.00%)

SHORE TANK NO. 4 U M L COMPOSITE AFTER GEORGIA
INSPECTORATE AMERICA
INSPECTORATE AMERICA

Tes	ts being Performed	Test method	Minimum	Maximum	Sample Result
API Gravity @60/F	Calculated Average	D-5002	10		10.9
Suiphur, %wt	Calculated Average	D-4294		2.00	1.85
Viscosity, CST @	50C Calculated Average	D-445			405
Viscosity, SSF @	122F Calculated Average	D-445/2161	75	300	190,8
Water by Distillatio	n, Vol %	D-95	G .	1.0	0
Sediment by Extra	otion, Wt 🤫 💍 😁 🦸 🖠	Ug D-473		0.1	0.02
Water & Sediment	Vol %	්රීලි D-1796		1.0	0.05
Flash Pt/F		D-93 B	150		227
Ash, %wt	State Land	D-482		0.1	0.051
Vanadium, ppm		ें IP-470		300	50
Sodium, ppm 💹		í IP-470		60	41
Nitrogen, Wt %		D-5762		0.55	0.351
Heat Of Compusito	in, Per Pound	D-240	Report		18,267
Heat Of Combustic	n, Per Gallon 🖟 🔆	Conversion	Report		151,178
Asphaltenes: Wt %		IP-143		14	5.48
Carbon Residue, %	6 wi	D-4530		21	11,78
Pour Boidt E		D-97		60	43.8
Api Gravity @60/F	Upper - Tag # 258286	D-4052	10		10.9
	Middle Tag #258287				10,9
	Lower Tag #258288				10,9
Sulphur, %wt	Upper Tag #258286	D-4294		2.00	1.85
	Middle Tag #258287				1,86
	Lower Tag #258288				1.85
Viscosity, SSF @	122F Upper Tag#258286	D-445/2161	75	300	195,4
	Middle Tag#258287				189.7
	Lower Tag #258288				187.8







Vessel	SERIFOS	Port	SEARSPORT, ME.	Report	SP/06/1215
Customer	SPRAGUE	Date	December 16, 2006	Ref. No.	V-06-01775
Operation	ANALYSIS	Terminal	SPRAGUE SEARSPORT	Sample #	959026

Material being tested

Description of sample source Samples Drawn by (company) Samples Tested by (company)

#6 FUEL OIL (2.00%)

SHORE TANK NO. 4 UML COMPOSITE AFTER SERIFOS
INSPECTORATE AMERICA
INSPECTORATE AMERICA

Tests	being Performed	Test method	Minimum	Maximum	Sample Result
API Gravity @60/F	Calculated Average	D-287	10		10.4
Sulphur, %wt	Calculated Average 걸措	ម្លា _{ខ្ល} D-4294		2.00	1.417
	Calculated Average ATROHOLES HE AWN SELECTIVE AND NAME OF THE STREET C CAICULATED HE AND NAME OF THE STREET AND NAME OF THE STREET C CAICULATED HE AND NAME OF THE STREET C CAICULATED HE AND NAME OF THE STREET AND NAME OF THE STREET C CAICULATED HE AND NAME OF THE STREET C CAICULATED HE AND NAME OF THE STREET AND NAME OF THE STREET ON, WITHOUT HE AND THE STREE	99850 HO CHARS D-4455 100 CHARS D-445 D-445/2161 D-445/2161 D-95 D-95 D-473			474.1
Viscosity, SSF @ 12	TON REPORT AND THE SPRING SHEET FOR SALES BY AND THE SPRING SALES BY AND THE SPRING SALES BY AND THE SALES B	D-445/2161	75	300	224
Water by Distillation,	An Weight Constitution of the San	권 등 D-95		1.0	0.2
Sediment by Extraction	on, WENT OF THE STATE OF THE ST	표 O 		0.1	0.5
Water & Sediment, V	MANAGED CONTRACTOR WINDS	D-1796		1.0	0,05
Flash Pt/F	SERVICE SERVIC	公皇 公皇 D-93 B	150		>212
Ash, %wt	HE STECHTACHED TSPECTION OF THE PROVIDED TO PASPECTION OF THE PROVIDED TO THE DATE OF PASPECTION OF PASPECTION OF PASPECTION OF PASPECTION OF PROPER PASPECTION OF SERVING OF STREAM OF SERVING OF STREAM OF SERVING OF STREAM OF	D-93 B D-		0.1	0.054
Vanadium, ppm	LA GONDES THE ATTACHED TISPE BRINGENE SPECIAL CATIONS OF THE TATE OF BASE AND THE INDEPENDENTLY VEHING THE INDEPENDENTLY VEHING THE INDEPENDENTLY VEHING THE INDEPENDENTLY VEHING THE INDEPENDENT TERMING THE INDEPENDENT SERVING AND THE INDEPENDENT SERVING THE INDUSTRIES S	D-482 IP-470 IP-470 IP-470 D-5762 D-240		300	47
Sodium, ppm	ATTACHED CONCATIONS WE DATE TO THE PER PENDENTLY PRIOR PENDENTLY PRAGUES TO THOSE PENDENTLY PRAGUES TO THOSE PENDENT PRAGUES TO THOSE PENDENT PRAGUES TO THE PENDENT PANY FOR PE	IP-470		60	11
Nitrogen, Wt %	Lead of the ATT of the	등 D-5762		0.55	0.3451
Heat Of Combustion,	Per Paul de San de la constant de la	품 또 농방 D-240	Report		18254
Heat Of Combustion, Asphaltenes, Wt %	P. G. BERGGERONGES THE ATTA REPRESE WOUNDERS THE ATTA TERMINAL THARK ON THE DAT THE ANALYSIS PROVIDED THE SAND THE BASIS IN SPRAGIO CERTIFICATE, THE INSPECTION OF THE INSPECTION OF THE ANALYSIS SPRAGUE TO CUSTOMER SWARDART TO CUSTOMER SMECHANTALITY OF FITTERS FREE FORTH WAS ANALYSIS OF THE SAND THE	Conversion	Report		151600
Asphaltenes, Wt %	SPRAGUESOR TEPMINALIVI THE MINALIVI THE STABLISHIN CETTERONE SPENS	Conversion IP-143		14	2.28
Carbon Residue, % v	vt SEHFM≺SKW E W	D-4530		21	11.5
Pour Point,F		D-97		60	42.8
Api Gravity @60/F	Upper - Tag # 258593	D-287	10		10.6
	Middle Tag # 258594				10.4
	Lower Tag # 258595				10.3
Sulphur, %wt	Upper Tag # 258593	D-4294		2.00	1.553
	Middle Tag # 258594				1.395
	Lower Tag # 258595				1.303
Viscosity, SSF @ 122	2F Upper Tag# 258593	D-445/2161	75	300	226
	Middle Tag# 258594				221
	Lower Tag #258595				224

Book



INSPECTORATE

QUALITY CERTIFICATE

Vessel SHORE TANK NO. 4
Customer SPRAGUE

Operation

SPRAGUE ANALYSIS

Port SEARSPORT, MAINE
Date January 17, 2006
Terminal SPRAGUE

Report SP/06/0115 Reference V-06-00010 Sample # 239365

Name of material being tested Description of sample source Samples Drawn by (company) Samples Tested by (company)

NO. 6 FUEL OIL 2.0%

EX. SHORE TK NO. 4 AFTER DISCHARGE OF PSARA INSPECTORATE INSPECTORATE

Tests being Performed	Test method	Minimum Maximum	Sample Source
GRAVITY, API @ 60 F	ASTM D 4052		10.7
FLASH POINT, F	ASTM D 93		198
VISCOSITY, SSF @ 122 F	ASTM D 445/2161		225
POUR POINT, F	ASTM D 97		+10.4
WATER & SEDIMENT, % VOL.	ASTM D 1796		0.05
SULPHUR, % WT.	ASTM D 4294		1.85
3H, % WT.	ASTM D 482		0.040
JANADIUM, PPM	AA/AE		80
SODIUM, PPM	AA/AE		10
BTU'S/POUND	CALCULATION		18,291
BTU'S/GALLON	CONVERSION		151,578
NITROGEN, % WT.	ASTM D 5762		0.4576
CARBON RESIDUE, % WT.	ASTM D 4530		13.93
ASPHALTENES, % WT.	IP-143		5.54
SPRAGUE PROVIDES THE ATTACHED INSPECTION RE	PORT/ANALYSIS		
REPRESENTING THE SPECIFICATIONS OF THE PRODU	JCT AT THE SPRAGUE		
TERMINAL IN TANK ON THE DATE OF INSPECTION NO THIS ANALYSIS IS PROVIDED TO THE CUSTOMER FOR	TED ON THE CERTIFICATE.		
ESTABLISHING THE INDEPENDENTLY VERIFIED PROD			
A COMPOSITE BASIS IN SPRAGUE'S TERMINAL SHORE	E TANK AS NOTED ON THE		
CERTIFICATE. THE INSPECTION REPORT IS NOT TO B			
PURPOSE, SPRAGUE DISCLAIMS ANY LIABILITY FOR T BY SPRAGUE TO CUSTOMER, SPRAGUE DISCLAIMS A			
MERCHANTABILITY OR FITNESS FOR AN INTENDED USE 6			
SET FORTH IN WRITING IN ANY CONTRACT OR TERMS			
AND A BUYER OF PRODUCT. SPRAGUE ASSUMES NO LI. THAT MAY ARISE FROM CUSTOMER'S USE OF THIS IN			
TENT MAT ARISE PROMICUS LONIERS ROSE OF THIS IN	SPECTION HEPORT/ANALTSIS.		
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DENNIS E. CURTIS





INSPECTORATE

QUALITY CERTIFICATE

Vessel SHORE TANK NO. 4
Customer SPRAGUE

Operation

RE TANK NO. 4 Port AGUE Date

ANALYSIS Terminal

SEARSPORT, MAINE

te February 9, 2006 minal SPRAGUE

Report SP/06/0204 Reference V-06-00185

Sample # 239484

Name of material being tested Description of sample source Samples Drawn by (company) Samples Tested by (company)

NO. 6 FUEL OIL 2.0%

EX. SHORE TK NO. 4 AFTER DISCHARGE OF ASPHALT STAR INSPECTORATE INSPECTORATE

Tests being Performed	Test method	Minimum	Maximum	Sample Source
GRAVITY, API @ 60 F	ASTM D 4052			11.3
FLASH POINT, F	ASTM D 93			212+
VISCOSITY, SSF @ 122 F	ASTM D 445/2161			186.4
POUR POINT, F	ASTM D 97			+15.8
WATER & SEDIMENT, % VOL.	ASTM D 1796			0.10
SULPHUR, % WT	ASTM D 4294			1.60
ે 3H, % WT.	ASTM D 482			0.06
ANADIUM, PPM	AA/AE			40
SODIUM, PPM	AA/AE			7
BTU'S/POUND	CALCULATION			18,345
BTU'S/GALLON	CONVERSION			151,383
NITROGEN, % WT.	ASTM D 5762			0.3951
CARBON RESIDUE, % WT.	ASTM D 4530			11.58
ASPHALTENES, % WT.	IP-143		 	3.61
·				0.01
SPRAGUE PROVIDES THE ATTACHED INSPECTION R	EPORT/ANALYSIS			
REPRESENTING THE SPECIFICATIONS OF THE PROD	UCT AT THE SPRAGUE		-	
TERMINAL IN TANK ON THE DATE OF INSPECTION NO THIS ANALYSIS IS PROVIDED TO THE CUSTOMER FO	JIED ON THE CERTIFICATE,		 	
ESTABLISHING THE INDEPENDENTLY VERIFIED PROF	DUCT SPECIFICATION ON			
A COMPOSITE BASIS IN SPRAGUE'S TERMINAL SHOR	RE TANK AS NOTED ON THE			
CEHTIFICATE. THE INSPECTION REPORT IS NOT TO E	BE USED FOR ANY OTHER			
PURPOSE. SPRAGUE DISCLAIMS ANY LIABILITY FOR BY SPRAGUE TO CUSTOMER. SPRAGUE DISCLAIMS A	THE PRODUCT AFTER DELIVERY			
MERCHANTABILITY OR FITNESS FOR AN INTENDED USE	ANT WARKANIY UP FYCEPT AS MAY BE SPECIFICALLY			
SET FORTH IN WRITING IN ANY CONTRACT OR TERM	S OF SALE BETWEEN SPRAGUE			
AND A BUYER OF PRODUCT, SPRAGUE ASSUMES NO L	IABILITY FOR CLAIMS OR LOSSES			
THAT MAY ARISE FROM CUSTOMER'S USE OF THIS IN	ISPECTION REPORT/ANALYSIS.			

DENNIS E. CURTIS

33 Rigby Road South Portland, Maine 04106 (207)767-1711





Vessel Customer

Operation

TORM GERTRUD SPRAGUE ENERGY ANALYSIS

Port Date Terminal

SEARSPORT, ME. March 23, 2006 SPRAGUE Report Ref. No.

SP/06/0319 V-06-00415

Sample # 31519

Material being tested

Description of sample source Samples Drawn by (company) Samples Tested by (company) #6 FUEL OIL(2.0%)

EX. SHORE TK NO. 4 AFTER DISCHARGE OF TORM GERTRUD INSPECTORATE AMERICA

INSPECTORATE AMERICA

Tests being Performed	Test method	Minimum	Maximum	S	Sample Result	
API Gravity @60/F	Average	10.1			11.5	
Sulphur, %wt	Average		2.00		1.92	
Viscosity, CST @ 50C	Average				572	
Viscosity, SSF @ 122F	Average	75	300		270	
Water by Distillation, Vol %	D-95				0.1	
Sediment by Extraction, Wt %	D-473				0.01	
Water & Sediment, Vol %	D-1796		1.0		0.1	
Flash Pt/F	D-93 B	150			212+	
Ash, %wt	D-482		0.1		0.04	
√anadium, ppm	IP-470		300		70	
Sodium, ppm ≿ 국백없ợ	IP-470		60		11	
Nitrogen, Wt % HE	D-5762		0.55		0.4063	
Heat Of Combustion, Per Politic NO. 1	D-240	REPORT			18,339	
Heat Of Combustion, Persent His New 20 8 May 20	Conversion				151,132	
Asphaltenes, Wt %	IP-143		14		3.89	
Carbon Residue, % wt	D-4530				13.8	
HEPRO AND TO SECULATE SECTION IN TO SECULATE SECULATION OF TENSION OF THIS SECULATION OF THIS OF THIS OF THIS SECULATION OF THIS OF TH	D-97		60		26.6	
CANTRECHED INSPECTION NOTED ON THE EMPLACATE TACHED INSPECTION REPORT AT THE PRODUCT AT THE PURPOSE OF A MAS ANY LABILITY FOR THE PURPOSE OF ANY OTHER AMIS ANY LABILITY FOR THE PRODUCT AT THE PLINTER PRODUCT AT THE	D-4052	10.1		Upper	Middle	Lower
AMDES THE ATTACHED INSPECTION REPORTANAL BIS SOLUTION ON THE BARGUES TERMINAL SHORE TANK AS NOTED ON THE RODUCT SPECIFICATION ON BASIS IN SPRAGUE DISCLAIMS ANY VEHIERD PRODUCT SPECIFICATION ON THE DATE OF OTTO BE USED FOR ANY OTHER PRODUCT AFTER DELIVERIANS FOR ANY INTERPRETION ON THE PRODUCT SPECIFICATION ON THE INSPECTION REPORT IN FOR THE PRODUCT AFTER DELIVED ON THE INSPECTION REPORT IS NOT TO BE USED FOR ANY OTHER PRODUCT AFTER DELIVED ON THE INSPECTION REPORT IS NOT TO BE USED FOR ANY OTHER PRODUCT AFTER DELIVED ON THE INSPECTION REPORT IS NOT TO BE USED FOR ANY OTHER PRODUCT AFTER DELIVED ON THE INSPECTION REPORT AND THE PRODUCT AFTER DELIVED ON THE INSPECTION REPORT AND THE PRODUCT AFTER DELIVED ON THE INSPECTION REPORT AND SECRET AND ANY CONTRACT ON TENNS OF USED FOR ANY OTHER AND THE INSPECTION REPORT AND SECRET AND SECRET AND ANY CONTRACT OF TENNS OF USED ON THE INSPECTION REPORT AND ANY CONTRACT OF TENNS OF USED ON THE INSPECTION REPORT AND ANY CONTRACT OF TENNS OF USED ON THE INSPECTION REPORT AND ANY CONTRACT OF THE INSPECTION REPORT AND ANY CONTRACT.	D-4294		2.00	11.5 Upper	11.5 Middle	11.5 Lower
SET CORPUS THE ATTACHED INSPECTION NOTED ON THE ENERGY OF THE PRODUCT SPECIFICATION ON A COMPOSITE BASIS IN SPRAGUE SPRANT IN SPRAGUE DISCLAIMS ANY LABILITY FOR THE PRODUCT AT HE PRODUCT ATTER DELIVERY BY SPECIFICATION REPORT IS NOT TO BE USED FOR ANY OTHER PROPUCT AT HE PRODUCT ATTER DELIVERY BY SPRAGUE DISCLAIMS ANY UNRENDED ON THE CUSTOMER FOR THE PRODUCT ATTER DELIVERY BY SPRAGUE DISCLAIMS ANY UNRENDED ON THE PRODUCT ATTER DELIVERY BY SPRAGUE DISCLAIMS ANY UNRENDED ON THE PRODUCT ATTER DELIVERY BY SPRAGUE DISCLAIMS ANY UNRENDED ON THE CUSTOMER SPRAGUE DISCLAIMS ANY WARRANITY OR FITNESS FOR AN INTENDED. USE EXCEPT AS ANY BE SPECIFICALLY SET FORTH AND A BUYER OF PRODUCT SPRAGUE SISSUARS ON LUBBILITY FOR CLAMS OR LOSSES THAT MAY ARISE FROM CUSTOMERS USE IN SPRAGUE PROSUMES OF THIS INSPECTION REPORT/ANALYSIS.	D-445/2161	75	300	1.92 Upper	1.92 Middle	1.92 Lower
SPR THIS ESST PURP PURP PURP AND				269	271	270



Vessel Customer Operation GEORGIA

SPRAGUE ENERGY ANALYSIS Port Date Terminal SEARSPORT, ME. April 3, 2006 SPRAGUE Report 5 Ref. No. \

SP/06/0408 V-06-00550

Sample # AS BELOW

Material being tested

Description of sample source Samples Drawn by (company) Samples Tested by (company) #6 FUEL OIL (2.00%)

SHORE TANK U,M,L COMPOSITE INSPECTORATE AMERICA INSPECTORATE AMERICA

Tests being Performed		Test method	st method Minimum I		Sample Result	
					31548 TANK 3	31549 T ANK 4
API Gravity @60/	Calculated Average Calculated Average Calculated Average B-BODICI AT THE SPECIAL STATE TOWN NOTED ON THE CALL SPECIAL STATE TOWN TO THE PROPERTY OF THE SPECIAL S	D-5002	10		11.3	11.7
Sulphur, %wt	Calculated Average	구 등 등 D-4294		2.00	1.68	1.83
VIscosity, CST @	50C Calculated Ave a Table 日	D-445			510	532
Viscosity, SSF @	122F Calographic Average 150	EXCEPT AS MAY BE SPECIFICALLY SOF SALE BETWEEN SPRACUE MBILITY FOR CLAIMS OR LOSSES MSPECTION REPORT ANALYSIS. C6-TC C7-TC C7-	75	300	241	251
Water by Distillation	ANALY SON CHAPTON WOOD WOOD WOOD WOOD WOOD WOOD WOOD WO	M D-95		1.0	0	0
Sediment by Extra	ction, Wt 是只是是不是	D-473		0.1	0.01	0.01
Water & Sediment	S THE ATTACHER INSPECTION REFORTINALLY SON THE DATE OF INSPECTION NOTED ON THE SON THE DATE OF THE PRODUCT AT THE SY TOWIDED TO THE CUSTOMER FOR THE PURPOS IN SPERALLES TERMINAL SHORE TANK AS NOT DISCLAMAS ANY LABILITY FOR THE PRODUCT SPECIFIC TOWER SPRAGUE DISCLAMAS ANY WARRANTY FITNESS FOR A MINERALLY FOR THE PRODUCT.	RACT CH TERMS OF SALE BET ASSUMES NO LIABILITY FOR CL. USE OF THIS INSPECTION REF CONTROL OF		1.0	0.05	0.05
Flash Pt/F	원보면질문질문	記憶 記 記 記 記 記 記 記 記 記 記 と こ こ り こ り こ り こ り こ り こ り こ り こ り こ り	150		212+	212+
Ash, %wt	INSPINSI NE OF FINSP FCUS TERMI ORT IS	RACT PASSI D-482		0.1	0.02	0.02
Vanadium, ppm	MANDES THE ATTACHED INSPECTION REPORT INSTACT TO ITHE INSPECTION REPORT IS NOT THE INSPECTION REPORT IN TO CUSTOMER. SPRAGUE DISCLAIMS.	E 19 SE 1P-470		300	49	60
Sodium, ppm	TE ATT TECHNI THE DATA THE THE DATA THE	IP-470		60	10	9
Nitrogen, Wt %	MDES THE ATTACH IN THE SPECIFICATION INK ON THE DATE SPROVIDED TO THE THE INDEPENDENT ASIS IN SPRAGUE, TE INSPECTION RE GUE DISCLAMIS AN GUE DISCLAMIS AN	D-5762		0.55	0.4358	0.4495
Nitrogen, Wt % Heat Of Combustion Heat Of Combustion Asphaltenes, Wt %	SPRAGE PROMISES THE PROMISES THE THIRD AND STANDERS THE SPECT THIS ANALYSIS IS PROVIDE ESTABLISHING THE INDER CERTIFICATE THE INSPECT PURPOSE SPRAGUE DISCLESS	= 0 % D-2-70	Report		18316	18310
Heat Of Combustion	SPRAGE PRO US SPRAGE PRO US TERMINAL IN THIS ANALYSIS ESTABLISHING CERTIFICATE TO PURPOSE SPIRE BY SPRAGUE TO MERCHANTABILIT	Conversion	Report		151143	150673
Asphaltenes, Wt %	SPRAGO U. O. SPRAGO CERTIFICATION OF PURPOSE BY SPRAGO WERCHANT	LEAN ID-143		14	2.44	2.21
Carbon Residue,		D-4530		21	12.0	12.5
Pour Point,F		D-97		60	21.2	26.6
Api Gravity @60/F	Upper - Tag # 239682 / 85	D-4052	10		11.3	11.7
	Middle Tag # 239683 / 86				11.3	11.7
	Lower Tag # 239684 / 87				11.3	11.7
Sulphur, %wt	Upper Tag # 239682 / 85	D-4294		2.00	1.69	1.83
	Middle Tag # 239683 / 86				1.68	1.83
	Lower Tag # 239684 / 87				1.68	1.83
Viscosity, SSF @	122F Upper Tag # 239682 / 85	D-445/2161	75	300	241	251
	Middle Tag # 239683 / 86				240	251
	Lower Tag # 239684 / 87			1	242	251



INSPECTORATE

QUALITY CERTIFICATE

B00#

Vessel Customer **PENN 121**

SPRAGUE ENERGY

Operation ANALYSIS

Port Date SEARSPORT, ME. May 18, 2006

Terminal SPRAGUE SEARSPORT

Report SP/06/0518 Ref. No. V-06-00714

Sample # 31755

Material being tested

Description of sample source

Samples Drawn by (company)

Samples Tested by (company)

#6 FUEL OIL (2.00%)

SHORE TANK #4 U,M,L COMPOSITE

INSPECTORATE AMERICA

INSPECTORATE AMERICA

Tests	being Performed	Test method	Minimum	Maximum	Sample Result
		·····			
API Gravity @60/F	Calculated Average	D-5002	10		12.5
Sulphur, %wt	Calculated Average	≿ > ա g D-4294		2.00	1.86
Viscosity, CST @ 50	C Calculated Awerage:	SISP-445			424
Viscosity, SSF @ 12	2F Calculated Everage 5	□ 5 5 5 5 45/2161 □ 5 3 5 5 6 45/2161	75	300	200.2
Water by Distillation,	MANY WISH	D-95		1.0	0.6
Sediment by Extracti	on, Wt % 본부등등장상으로	00 473		0.1	0.02
Viscosity, SSF @ 12 Water by Distillation, Sediment by Extracti Water & Sediment, V Flash Pt/F Ash, %wt Vanadium, ppm Sodium, ppm Nitrogen, Wt % Heat Of Combustion, Heat Of Combustion, Asphaltenes, Wt % Carbon Residue, % v	SPRAQUE BRONIÈES THE ATTACHED INSPECTION REPORT/ANALYSIS BE ESTABLISHING THE SPECIFICATIONS OF THE PROJUCE ON THE CERPTICALE THE SPECIFICATIONS OF THE PROJUCE ON THE CERPTICAL IN TANK ON THE DATE OF INSPECTION NOTES ON THE CERPTICAL STRAIGHT OF INSPECTION NOTES ON THE CERTIFICATE BASIS IN SPRAGUE THE WEST OF THE PURPOSE OF THE INSPECTION REPORTS IN THE SECOND THE CERTIFICATE THE INSPECTION REPORTS IN THE SECOND THE PURPOSE. SPRAGUE THE INSPECTION REPORTS IN THE SECOND THE PURPOSE SPRAGUE THE INSPECTION REPORTS IN THE SECOND THE PURPOSE. SPRAGUE THE INSPECTION REPORTS IN THE SECOND THE PURPOSE. SPRAGUE THE INSPECTION REPORTS IN THE SECOND THE PURPOSE. SPRAGUE THE INSPECTION REPORTS IN THE SECOND THE SECOND THE PURPOSE. SPRAGUE THE INSPECTION REPORTS IN THE SECOND TH	BY SPRAGUE TO CUSTOMER, SPRAGUE DISCLAIMS ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR AN INTENDED. USE EXCEPT AS MAY BE SPECIFICALLY AND A BUYER OF PRODUCT SPRAGUE ASSUMES NO LIABILITY FOR CLAIMS OF SALE BETWEEN SPRAGUE THAT MAY APPEE FROM CUSTOMERS USE OF THIS INSPECTION REPORTISINGLESSES THAT MAY APPEE FROM CUSTOMERS USE OF THIS INSPECTION REPORTISINGLESSES TO THAT MAY APPEE FROM CUSTOMERS USE OF THIS INSPECTION REPORTISINGLESSES OF THE STANDARD OF THE		1.0	0.5
Flash Pt/F	10NS 10NS 10NS 10NS 10NS 10NS 10NS 10NS	5 SAP 1 SED-93 B	150		208
Ash, %wt	SPEC SPECIAL S	500 H C D-482		0.1	0.041
Vanadium, ppm	HED IN THE POINT FPOINT FEE	5 H S S S S S S S S S S S S S S S S S S		300	52
Sodlum, ppm	FITACI PECATI DATE DTO 1 NUDEN NUDEN 2	ELS S PHO IP-470		60	19
Nitrogen, Wt %	SPECIAL SPECIA	D-5762		0.55	0.4478
Heat Of Combustion	Per Pour Size Size Size Size Size Size Size Size	200 D-240	Report		18,463
Heat Of Combustion	, Per Galland Line Signature of the Control of the	AN ESOnversion	Report		151,101
Asphaltenes, Wt %	PAGU PRESI PARESI PARINA SANA TABLI POSE	BY SPRANT MERCHANT AND A BUT THAT IN THAT THAT THAT THAT IN THAT THAT THAT THAT THAT THAT THAT THAT		14	6.73
Carbon Residue, % 1	SEU F	置		21	11.87
Pour Point,F		D-97		60	36.8
Api Gravity @60/F \	Jpper - Tag #239873	D-4052	10		12.5
	Middle Tag #239874				12.4
	Lower Tag #239875				12.5
Sulphur, %wt	Upper Tag #239873	D-4294		2.00	1.86
	Middle Tag #239874				1.86
	Lower Tag #239875				1.86
Viscosity, SSF @ 12	2F Upper Tag#239873	D-445/2161	75	300	207
	Middle Tag#239874				203
	Lower Tag #239875				190.7



Book

Vessel Customer Operation ENERGY 13501 SPRAGUE ENERGY ANALYSIS Port Date SEARSPORT, ME. May 21, 2006 Report S Ref. No. V

SP/06/0519

Terminal

nal SPRAGUE

Ref. No. V-06-00737 Sample # AS BELOW

Material being tested

Description of sample source Samples Drawn by (company) Samples Tested by (company) #6 FUEL OIL (2.00%)

SHORE TK NO. 3 & 4 U M L & COMP AFTER ENERGY 13501

INSPECTORATE AMERICA INSPECTORATE AMERICA

Test	s being Performed	Test method	Minimum	Maximum	Sam	le Result	
					31763 TK # 3	31764 TK # 4	
API Gravity @60/F	Calculated Average	D-5002	10		12.3	12.5	
Sulphur, %wt	Calculated Average	D-4294		2.00	1.77	1.86	
Viscosity, CST @ 5	0C Calculated Average 🚠	구물었 _년 D-445			448	428	
Viscosity, SSF @ 1	22F Calculate Average 证	5 8 5 445/2161 5 445/2161	75	300	212	202	
Water by Distillation	Not % See The	OPT/A OPT/A OPT/A OPT/A		1.0	0.5	0.6	
Sediment by Extrac	SPRAGUE PROBLES SHE ATTACHED INSPECTION REPORT/ANALYSIS THIS ANALYSIS IS PROVIDED TO THE CUSTOMER FOR THE PURPOSE OF THE STRAUGHE BY COMPOSITE EASIS IN SPRAGUES ITS PROVIDED TO THE CUSTOMER FOR THE PURPOSE OF THE STREINFING THE INSPECTION REPORT SHE PROBUCT SHEGHECATION CAR A COMPOSITE EASIS IN SPRAGUES ITS RAWINAL SHOWE TANK AS NOTED ON THE STREINFICATE. THE INSPECTION REPORT IS NOT TO BE USED FOR ANY OTHER PURPOSE. SPRAGUE DISCLAMAS ANY UMBRITY FOR THE PRODUCT AFTER DELIVERY BY SPRAGUE TO CUSTOMER. SPRAGUE DISCLAMAS ANY WARRANTY OF	MERCHANTABILITY OR FITNESS FOR AN INTENDED USE EXCEPT AS MAY BE SPECIFICALLY SET FORTH IN WRITING IN ANY CONTRACT OR TERMS OF SALE BETWEEN SPRAGUE AND A BUYER OF PRODUCT. SPRAGUE ASSUMES NO LIABILITY FOR CLAIMS OR LOSSES THAT MAY ARISE FROM CUSTOMERS USE OF THIS INSPECTION REPORT, ANEW YSIS. TO CO		0.1	0.03	0.03	
Water & Sediment,	MARP WARP	E SE E D-1796		1.0	0.2	0.5	
Flash Pt/F	IREPC ODUC ODUC ODE TO OBE THE SANY	D-93 B	150		212+	212+	
Ash, %wt	CTION STION MED PRESIDENT TO FO	当世2章 D-482 日本2章 D-482		0.1	0.044	0.057	
Vanadium, ppm	INSPE OF TI NSPEC CUST CUST CUST CUST CUST CUST FIFT IS IN TIS IN	SPSC IP-470		300	85	103	
Sodium, ppm	CHED THEORY THE CHED THE CHED THEORY SANY	P-470		60	23	25	
Nitrogen, Wt %	ATTA CIFICA CIFI	SH C C C C C C C C C C C C C C C C C C C		0.55	0.3831	0.4395	
Heat Of Combustion		E 50 D-240	Report		18295	18309	
Heat Of Combustion	D. Per Galgarian Sizing Page 1970 1970 1970 1970 1970 1970 1970 1970	Conversion	Report		149928	149841	
Asphaltenes, Wt %	UE PR SENTIN VALIN VALYS VOSTIN AGUE	BE HE P P 143		14	3.65	3.91	
Carbon Residue, %	MEPRE STABLE STA	중요 # P-4530		21	11.38	11.81	
Pour Point,F	NEL-ER-COF ®	D-97		60	+26.6	+26.6	
	Upper - Tag # 239890/239893	D-4052	10		12.3	12.5	
M	lddle Tag # 239891/293894				12.3	12.5	
Lo	wer Tag # 239892/239895				12.4	12.5	
Sulphur, %wt	Upper Tag # 239890/239893	D-4294		2.00	1.77	1.88	
M	lddle Tag # 239891/293894				1.78	1.86	
Le	ower Tag # 239892/239895				1.76	1.87	
Viscosity, SSF @ 12	22 Upper Tag# 289890/239893	D-445/2161	75	300	212	204	
	Middle Tag# 239891/239894				210	202	
	Lower Tag # 239892/239895				213	199.1	





INSPECTORATE

QUALITY CERTIFICATE

Vessel Customer NEW HAMPSHIRE SPRAGUE Port Date SEARSPORT, ME. July 5, 2006

Report Ref. No. SP/06/0704 V-06-00936

Operation

ANALYSIS

Terminal SPRAGUE SEARSPORT

Sample # AS BELOW

Material being tested

Description of sample source Samples Drawn by (company) Samples Tested by (company) #6 FUEL OIL (2.00%)

SHORE TK NO. 3 & 4 UML COMPOSITE AFTER NEW HAMPSHIRE
INSPECTORATE AMERICA
INSPECTORATE AMERICA

Tests being Performed		Test method	Minimum Maxi		Sam	Sample Result	
					31981 TK 3	31982 TK 4	
API Gravity @60/F	Calculated Average	D-5002	10		13.4	12.0	
Sulphur, %wt	Calculated Average ≒	≝ஐ _{ஜ்} D-4294		2.00	1.45	1.63	
Viscosity, CST @ 500	Calculated Average H	0845 D-445			577	484	
Sulphur, %wt Viscosity, CST @ 500 Viscosity, SSF @ 122 Water by Distillation, \ Sediment by Extraction	TATTHE SPRAGUE PRINCIPLE ON THE SPRAGUE OF A MAY BE SPECIFICALLY CEPT AS MAY BE SPECIFICALLY	A BLYER OF PRODUCT. SPRAGUE ASSUMES NO TARIAS OF SALE BETWEEN SPRAGUE A BLYER OF PRODUCT. SPRAGUE ASSUMES NO LIABILITY FOR CLANS OR LOSSES MAY ARISE FROM CUSTOMERS USE OF THIS INSPECTION REPORT/ANALYSIS. TO O O THE CONTRACT OF THE SALE BETWEEN SPRAGUE TO O O THE CONTRACT OF THE SALE BETWEEN SPRAGUE TO O O THE CONTRACT OF THE SALE BETWEEN SPRAGUE TO O O THE CONTRACT OF THE SALE BETWEEN SPRAGUE TO O O THE CONTRACT OF THE SALE BETWEEN SPRAGUE TO O O THE CONTRACT OF THE SALE BETWEEN SPRAGUE TO O O THE CONTRACT OF THE SALE BETWEEN SPRAGUE TO O O THE CONTRACT OF THE SALE BETWEEN SPRAGUE TO O O THE CONTRACT OF THE SALE BETWEEN SPRAGUE TO O O THE CONTRACT OF THE SALE BETWEEN SPRAGUE TO O O THE CONTRACT OF THE SALE BETWEEN SPRAGUE TO O O THE CONTRACT OF THE SALE BETWEEN SPRAGUE TO O O THE SALE BETWEEN SPRAGUE SPRAGUE SPRAGUE TO O O THE SALE BETWEEN SPRAGUE SPRAGUE SPRAGUE SPRAGUE TO O O THE SALE BETWEEN SPRAGUE SPRA	75	300	272	228	
Water by Distillation, \	SPRAGUE PROBLEM STACKHED INSPECTION REPORTS NALLYSIS SPRAGUE PRODUCT AT THE SPRAGUE PRODUCT AT THE SPRAGUE PROBLEM IN THE SPRAGUE STALLS HIND THE DATE OF INSPECTION NOTED ON THE SPRAGUE STABLISHING THE INDPRENDENTLY VENIFIED PRODUCT SPECIFICATE STABLISHING THE INSPECTION NOTED ON THE CENTRAL SHING THE INDPRENDENTLY VENIFIED PRODUCT SPECIFICATE STABLISHING THE INSPECTION REPORT IS NOT TO BE USED FOR ANY BY SPRAGUE TO CUSTOMER SPRAGUE DISCLAMS ANY WARRANTY OF MERCHANTABILITY OF STREET SPRAGUE DISCLAMS ANY WARRANTY OF MERCHANTABILITY OF STREET SALMAY BESENCE THE INSPECT AS MAY BESENCE THE INSPECT AS MAY BESENCE THE STREET STREE	D-445/2161 D-445/2161 D-95 D-473 D-473		1.0	0.2	0.3	
Sediment by Extraction	MARKA ANKARA WAREN	D-473	******	0.1	0.02	0.02	
Water & Sediment, Vo	INSPECTION REPORAPA S. OF THE PRODUCT AT T NSPECTION NOTED ON NSPECTION NOTED ON VENIFIED PRODUCT SPE ERMINAL SHORE TAWK A FIN IN NOT TO BE USED I URILITY FOR THE PROD URINGED USE EXCEPT A	SEN D-1796		1.0	0.2	0.2	
Flash Pt/F	CTION CTION	日 S E D-93 B	150		226	223	
Ash, %wt	SPRAGUE ROUGHE ATTACHED INSPECTION REPORTERMINAL IN TANK ON THE ATTACHED INSPECTION REPORTERMINAL IN TANK ON THE DATE OF INSPECTION NOTED THIS ANALYSIS IS PROVIDED TO THE CUSTOMER FOO THE STABLISHING THE INDEPENDENTLY VERIFIED PRODUCT A COMPOSE. STEMMINAL SHORE TA COMPOSE. SPRAGUE BASIS IN SPRAGUES TERMINAL SHORE TA CETTIFICATE. THE INSPECTION REPORT IS NOT TO BE USENTROSE. SPRAGUE DISCLAMS ANY USBLITTY FOR THE BY SPRAGUE TO CUSTOMER. SPRAGUE DISCLAMS ANY MERCHANTABILITY OR FITNESS FOR AN INTENDED USE EXCE	D-482		0.1	0.057	0.060	
Vanadium, ppm	CHED THEOFI STANTY STANTY OF STANTY OF AN	IN ANY CONTRA CUSTOMERS US US 10 IP-470 IP-470		300	48	62	
Sodium, ppm	IE ATTACHED ECIFICATIONS THE DATE OF INCEDED TO THE PREMENT YES SPRAGUEN TECTION REPORTS SCLAMS AND SOLAMS AND SMENS SPRAGI	SES IP-470		60	22	14	
Nitrogen, Wt %	S THE CONTE	D-5762		0.55	0.2975	0.392	
Heat Of Combustion, I	PROGRES PROGRES IN TANK O VISIS IS PRI ING THE IN ITE. THE IN SPRAGUE DE TO CUS	に と と と と と と と と と と と と と	Report		18,897	18,433	
Heat Of Combustion, I	SPRAGUE POOD SPRACHED SPRAGUE PROBDES THE ATTACHED TERMINAL IN TANK ON THE DATE OF ITESTABLISHING THE INDEPENDENTLY ESTABLISHING THE INDEPENDENTLY A COMPOSITE BASIS IN SPRAGUES TO CERTIFICATE. THE INSPECTION REPOURPOSE. SPRAGUE DISCLAIMS ANY BY SPRAGUE DISCLAIMS ANY MERCHANTABILITY OR FITNESS FOR AN	MAY A SUCCESSION OF THE SUCCES	Report		153,681	151,372	
Asphaltenes, Wt %	SPRAGU SPRAGU TERMINA THIS AN THIS AN ESTABLI E CETTIFIC PURPOSI	AND A ID-143		14	4.75	4.39	
Carbon Residue, % wt		D-4530		21	12.25	11.56	
Pour Point,F		D-97		60	42.8	42.8	
Apl Gravity @60/F	Upper - Tag #258057/258060	D-4052	10		13.9	12.1	
M	liddle Tag #258058/2580961				13.1	12.0	
	Lower Tag #258059/258062				13.1	12.0	
Sulphur, %wt	Upper Tag #258057/258060	D-4294		2.00	1.36	1.63	
ħ.	/liddle Tag #258058/258061				1.49	1.63	
•	Lower Tag #258059/258062				1.51	1.63	
Viscosity, SSF @ 122F	Upper Tag#258057/258060	D-445/2161	75	300	224	228	
	Middle Tag#258058/258061				295	229	
	Lower Tag #258059/258062				298	228	



Vessel Customer Operation E11104 SPRAGUE ANALYSIS

Port Date Terminal SEARSPORT, ME. September 21, 2006 SPRAGUE Report SP/06/0912 Ref. No. V-06-01315 Sample # AS BELOW

Material being tested

Description of sample source Samples Drawn by (company) Samples Tested by (company) #6 FUEL OIL (2.00%)

SHORE TANK U,M,L COMPOSITE INSPECTORATE AMERICA INSPECTORATE AMERICA

Te	sts being Performed	Test method	Minimum	Maximum	Sample		
					844455 116#3	844453	
API Gravity @60	/F Calculated Average	D-5002	10		11.8	11.3	
Sulphur, %wt	Calculated Average	D-4294		2.00	1.16	1.37	
Viscosity, CST @		SISCO-445 SISCO-445 ATRODE			381	310	
Viscosity, SSF @) 122F Calculated Average 生	글 등 교 등 445/2161	75	300	180.0	146.2	
Water by Distillat	S Noise S No	10 SH		1.0	0	0.1	
Sediment by Exti	action, Wt % Nation Pactor A Marky S	LINES D-473		0.1	0.04	<0.01	
Water & SedIme	ut, Vol % SET 연기 및 SET PER SE	# 17 E D - 1796		1.0	0.1	0.1	
Flash Pt/F	N REP TOOL TOOL TOOL TOOL TOOL TOOL TOOL TOO	SE 50 SE 50	150		212+	212+	
Ash, %wt	SPRAGUE PROMINED TO THE CHETHINGTHE PRODUCT AT THE SPRAGUED THE CHETHINGTHE SPRAGUED ON THE CHETHINGTHE CERTIFICATION OF THE PRODUCT AT THE SPRAGUED THE SPECIFICATIONS OF THE PRODUCT AT THE SPRAGUED TO THE CUSTONIED FOR THE PURPOSE OF THE PURPOSE OF THE PURPOSE OF THE PURPOSE OF THE CHETHINGTHE CHETHINGTH	BY SPRAGUE TO CUSTOMER SPRAGUE DISCLAIMS ANY WARRANT OF MERCHANTABILITY OF FITNESS FOR AN INTENDED USE EXCEPT AS WAY BE SPECIFICALLY SET FORTH IN WRITING IN ANY CONTRACT OR TERIAS OF SALE BETWEEN SPRAGUE MAY A BUYFR OF PRODUCT SPRAGUE ASSUMES NO LABOUTY FOR CLAIKS OF LOSSES IN ANY ARREST FROM OUSTOMERS USE OF THIS INSPECTION REPORTING THAT MAY ARREST FROM OUSTOMERS USE OF THIS INSPECTION REPORTING THAT MAY ARREST FROM OUSTOMERS USE OF THIS INSPECTION REPORTING THAT MAY ARREST FROM OUSTOMERS USE OF THIS INSPECTION REPORTING THAT MAY ARREST FROM OUSTOMERS USE OF THIS INSPECTION REPORTING THAT MAY ARREST FROM OUSTOMERS USE OF THIS INSPECTION REPORTING THAT MAY ARREST FROM OUSTOMERS USE OF THIS INSPECTION REPORTING THAT MAY ARREST FROM OUSTOMERS USE OF THIS INSPECTION REPORTING THAT MAY ARREST FROM OUSTOMERS USE OF THIS INSPECTION REPORTING THAT MAY ARREST FROM OUSTOMERS USE OF THIS INSPECTION REPORTING THAT MAY ARREST FROM OUSTOMERS USE OF THIS INSPECTION REPORTING THAT MAY ARREST FROM OUSTOMERS USE OF THIS INSPECTION REPORTING THAT MAY ARREST FROM OUSTOMERS USE OF THIS INSPECTION REPORTING THAT MAY ARREST FROM OUSTOMERS USE OF THIS INSPECTION REPORTING THE MAY ARREST FROM OUSTOMERS USE OF THIS INSPECTION REPORTING THAT MAY ARREST FROM OUSTOMERS USE OF THIS INSPECTION REPORTING THAT MAY ARREST FROM OUSTOMERS USE OF THIS INSPECTION REPORTING THAT MAY ARREST FROM OUSTOMERS OF THIS INSPECTION REPORTING THAT MAY ARREST FROM OUSTOMERS OF THIS INSPECTION REPORTING THE MAY ARREST FROM OUSTOMERS OF THIS INSPECTION REPORTING THE MAY ARREST FROM OUSTOMERS OF THIS INSPECTION REPORTING THE MAY ARREST FROM OUSTOMERS OF THIS INSPECTION REPORTING THE MAY ARREST FROM OUSTOMERS OF THIS INSPECTION REPORTING THE MAY ARREST FROM OUSTOMERS OF THIS INSPECTION REPORTING THE MAY ARREST FROM OUSTOMERS OF THIS INSPECTION REPORTING THE MAY ARREST FROM OUSTOMERS OF THIS INSPECTION REPORTING THE MAY ARREST FROM OUSTOMERS OF THE MAY ARREST FROM O		0.1	0.051	0.047	
Vanadium, ppm	INSP INSP CUST CUST CUST INSP INSP	HACTORIAN SSIP-470		300	45	65	
Sodium, ppm	ACHEC VATION (TE OP ENT) SHEPS	SPRAG CONI MERIO ME MERIO MERIO MERIO MERIO MERIO MERIO MERIO MERIO MERIO MERIO MERI		60	20	12	
Nitrogen, Wt %	E ATT. ECIFIC THE DA PPENC SPRACECTOR	100 -5762		0.55	0.3795	0.3602	
Heat Of Combus	tion, Per Pound S I NO	BY SPAGUE TO CUSTOMER MERCHANTABILITY OF FITNESS SET FORTH IN WRITING IN ANI AND A BUYER OF PRODUCT SPORTH IN ANY ARREST FROM CUSTOMER SPORTH IN	Report		18428	18328	
Heat Of Combus	tion, Per Gallon TANATA	CLI A CE CONVERSION	Report		151552	151243	
Asphaltenes, Wt	% GUE P ESEN INAL I MACY BLISHI WPOSI MPOSI OSE, S	HANDEN ID-143		14	3.92	2.80	
Carbon Residue,	M SPRA REPRING M W SPRA REPRING THIS CERTAL STANDARD CERTAIN PURPURPURPURPURPURPURPURPURPURPURPURPURP	S S S S S S S S S S S S S S S S S S S		21	10.5	10.8	
Pour Point,F		D-97		60	+26.6	+26.6	
Apl Gravity @60	/F Upper Tag # 258261 / 258264	D-4052	10		12.1	11.3	
	Middle Tag # 258262 / 258265				12.0	11.3	
	Lower Tag # 258263 / 258266				11.2	11.3	
Sulphur, %wt	Upper Tag # 258261 / 258264	D-4294		2.00	1.33	1.36	
	Middle Tag # 258262 / 258265				1.33	1.37	
	Lower Tag # 258263 / 258266				0.820	1.37	
Viscosity, SSF @) 122F Upper Tag# 258261/2582	64 D-445/2161	75	300	176.5	142.6	
	Middle Tag# 258262/25826	5			174.2	148.3	
	Lower Tag # 258263/258266				189.3	147.8	



INSPECTORATE

QUALITY CERTIFICATE

Vessel GEORGIA
Customer SPRAGUE
Operation ANALYSIS

Port SEARSPORT, ME.
Date September 29, 2006
Terminal SPRAGUE SEARSPORT

Report SP/06/1001 Ref. No. V-06-01349 Sample # 844527

Material being tested

Description of sample source Samples Drawn by (company) Samples Tested by (company) #6 FUEL OIL (2.00%)

SHORE TANK NO. 4 U M L COMPOSITE AFTER GEORGIA
INSPECTORATE AMERICA
INSPECTORATE AMERICA

Test	s being Performed	Test method	Minimum	Maximum	Sample Result
API Gravity @60/F	Calculated Average	D-5002	10		10.9
Sulphur, %wt	Calculated Average	D-4294		2.00	1,85
Viscoslty, CST @ 5	ANALYSE AND THE CERTIFIC AND TO ANALYSE AND THE CERTIFIC	MERCHANDELIO CUSTOMERI, STRAUGE USE EXCETANTI TO CUSTOMERI, STRAUGE USE EXCETANTI TO CUSTOMERI, STRAUGE USE EXCETANTI MATERIALI MAY BE FORTH IN WHITING IN MAY CONTRACT OR TERMS OF SALE BETWEEN SPRAGUE AND BUYER OF PRODUCT. SPRAGUE ASSUMES NO UABILITY FOR CLAMS OF LOSSES AND BUYER OF PRODUCT. SPRAGUE ASSUMES NO UABILITY FOR CLAMS OF LOSSES AND A SUFFECTION REPORT ANALYSIS. THAT MAY ARISE FROM CUSTOMERS USE OF THIS INSPECTION REPORT ANALYSIS. THE CONTRACT OF THIS INSPECTION REPORT ANALYSIS.			405
Viscosity, SSF @ 1	SPRAGUE PREMIUS. THE ATTACHED INSPECTION REPORT/ARALYSIS TERMINAL IN TANK ON THE DATE OF INSPECTION NOTED DN THE CERTIFICATE ACOMPOSITE BASIS IN SPRAGUES TERMINAL IN TANK AS IN SPRAGUES TERMINAL IN TANK AS IN SPRAGUES TERMINAL SHORE TANK AS NOTED ON THE CERTIFICATION OF THE PRODUCT SPECIFICATION OF THE PRODUCT SPECIFICATION OF THE PRODUCT SPECIFICATION OF THE PRODUCT SPECIFICATION OF THE OFFICE OF THE PROPOSE OF A COMPOSITE BASIS IN SPRAGUES TERMINAL SHORE TANK AS NOTED ON THOSE OF THE PROPOSE OF THE PROPERTY OF THE PRODUCT AFTER DELIVERY OF THE PROPOSE OF THE PROPERTY OF THE PROPOSE	55 A D-445/2161	75	300	190,8
Water by Distillation	Not % (Sissing the Property of	D-95		1.0	0
Sediment by Extrac	tion, Wt % LINE OF COLOR	MERCHANTABILITY OF THRESS FOR AN INTENDED USE EXCEPT AS MAN REACHANTABILITY OF THRESS FOR AN INTENDED USE EXCEPT AS MAY SET FORTH IN FOR AN INTENDED USE EXCEPT AS MAY BE FORTH IN FOR AN INTENDED USE EXCEPT AS MAY BE FORTH IN FOR CONTINUENCE OF THIS INSPECTION REPORT OF THE INSPECTION REPORT OF T		0.1	0.02
Water & Sediment,	AND WELLS	E 10 D-1796		1.0	0,05
Flash Pt/F	ON RECEIPT OF THE POPULATION O	D-93 B	150		227
Ash, %wt	SA GOMPOSITE BRAGUES THE NEW VERNING. SPRAGUE PREVIOUS THE ATTACHED INSPECTING THE SPECIFICATIONS OF THE PREVIOUS THE NATIONS OF THE PREVIOUS BRACHED THIS ANALYSIS IS PROVIDED TO THE CUSTOME ESTABLISHING THE INDEPENDENTLY VERIFIED A COMPOSITE BASIS IN SPRAGUES TERMINAL. OCHINICATE, THE INSPECTION REPORT IS NOT COMPOSITE BASIS IN SPRAGUES TERMINAL. OCHINICATE, THE INSPECTION REPORT IS NOT COMPOSITE THE INSPECTION REPORT IS NOT COMPOSITED THE INSPECTION REPORT IS NOT THE INSPECTION REPORT IS	D-482		0.1	0.051
Vanadium, ppm	D INS POST PER PORT PORT PER PER PORT	SO SO IP-470		300	50
Sodium, ppm	TACHE CATIO ATE O TO TH DENTI GUES CAN RE	1P-470		60	41
Nitrogen, Wt %	HE AT THE DATE OF	58 48 55 D-5762		0.55	0.351
Heat Of Combustion	n, Per Pounde & Service of the Servi	D-240	Report		18,267
Heat Of Combustion	w. Per Gallary National Strain	POLITION AND ACTION ACTION AND ACTION AND ACTION AND ACTION AND ACTION ACTIO	Report	19	151,178
Asphaltenes, Wt %	ANAL ANAL ANAL ANAL BUSH MPOS POSE.	SET FORTY PAGE TO PER THAT MAY AND A BUY OF THAT MAY AND A BUY OF THAT MAY OF		14	5.48
Carbon Residue, %	SPRA SPRA NO. O. O	CHE CHE D-4530		21	11.78
Pour Point,F	·	D-97		60	43.8
Api Gravity @60/F	Upper - Tag # 258286	D-4052	10		10.9
	Middle Tag #258287				10.9
	Lower Tag #258288				10.9
Sulphur, %wt	Upper Tag #258286	D-4294		2.00	1.85
	Middle Tag #258287				1.86
	Lower Tag #258288				1.85
Viscosity, SSF @ 1	22F Upper Tag#258286	D-445/2161	75	300	195.4
	Middle Tag#258287				189.7
	Lower Tag #258288				187.8



INSPECTORATE

QUALITY CERTIFICATE

Vessel PENN 120
Customer SPRAGUE
Operation ANALYSIS

Port SEARSPORT, ME.
Date November 12, 2006
Terminal SPRAGUE

Report SP/06/1113 Ref. No. V-06-01539 Sample # AS BELOW

Material being tested

Description of sample source Samples Drawn by (company) Samples Tested by (company) #6 FUEL OIL(2.0%)

SHORE TKS No. 3 & 4 AFTER DISCHARGE OF PENN 120
INSPECTORATE AMERICA
INSPECTORATE AMERICA

Tes	ts being Performed	Test method	od Minimum Maxim			
	15				844811 TK#3	844812 (TK # 4
API Gravity @60/F	Calculated Average	D-287	10.1		10.8	11.0
Sulphur, %wt	Calculated Average	E > ₩ S		2.00	1.35	1.70
Viscosity, CST @	Calculated Average 50C Calculated Average 모 5 중도 122F Calculated Average 중	D-4294 D-			527	456
Viscosity, SSF @	122F Calculated West and 122F Calculated West	10 10 PHONE			249	215
Water by Distillation	ou, Vol % Resauce & Signal World & Signal & Sign	10 H			0.1	0.1
Sediment by Extra	OUT AND WAS A STANDARD WITH SECOND THE SECON	1 1 2 1 1 1 E 2 1 1 1 E 2 1 1 1 E 2 1 1 E 2 1 1 E 2 1			0.04	0.02
Water & Sediment	CTION REPORT/ANA. # PRODUCT AT THE PRODUCT SPECIES ON THE PROPERTY AS NO PRODUCT SPECIES OF THE PROPERTY OF THE PROPE				0.1	0.1
Flash Pt/F	MION E PRO MER R O PRO	25 P 93 B			212+	212+
Ash, %wt	NSPEC OF TH COSTOCIONES COSTOC	()			0.045	0.036
Vanadium, ppm	ATTACHED INSPECTIONS OF THE DATE OF INSPECTIONS OF THE CONTROPERTY OF THE CONTROPERTY OF THE PARKET	PAGUE DI PAG			46	53
Sodlum, ppm	ATTACHEDII OFFICATIONS IE DATE OF IN EED TOTTE C EROLENTE PROGESTE PROGESTE	EH. SPRAGE ER. SPRAGE SSS FOR ANY CONTRI SPRAGE SSPAGE SPR			11	13
Nitrogen, Wt %	- 日本産業の別り	## 1736 and 1845 and	ļ		0.3622	0.3695
Heat Of Combustic	on, Per Pound	(I) · · · · · · · · · · · · · · · · · · ·			18316	18296
Heat Of Combustion		G C C C C C C C C C C C C C C C C C C C			151675	151308
Asphaltenes, Wt %	SPRAGUE DAY NO SPRAGUE SIN PERMINAL IN THIS ANAL SESTABLISHING A COMPOST	S 350 HOLE SEEN SEEN SEEN SEEN SEEN SEEN SEEN SEEN			3.38	4.00
Carbon Residue, %	ewt %EHERS	最近 4 FD-4530			11.5	11,7
Pour Point,F		D-97			+36.8	+36.8
Api Gravity @60/F	Upper - Tag # 258501/25850	D-287			10.7	11.0
1	Middle Tag # 258502/258505				10.8	10.9
t	ower Tag # 258503/258506				10.8	11.0
Sulphur, %wt	Upper Tag # 258501/258504	D-4294		2.00	1.35	1.70
	Middle Tag # 258502/258505				1.36	1.70
	Lower Tag # 258503/258506				1.34	1.69
Viscosity, SSF @ 1	122F Upper Tag# 258501/258	504 D-445/2161			253	216
	Middle Tag# 258502/25850	5			243	216
	Lower Tag # 258503/25850	6			251	214





ANALYSIS

QUALITY CERTIFICATE

Vessel UNITED SUNRISE
Customer SPRAGUE

Port Date Terminal

SEARSPORT, ME. November 28, 2006 SPRAGUE SERSPORT Report SP/06/1118 Ref. No. V-06-01645 Sample # AS BELOW

Material being tested

Operation

Description of sample source Samples Drawn by (company) Samples Tested by (company) #6 FUEL OIL (2.00%)

SHORE TKS UML COMPOSITE AFTER UNITED SUNRISE INSPECTORATE AMERICA INSPECTORATE AMERICA

Tes	ts being Performed	Test method	Minimum	Maximum	Sam	ple Result
					844942 TK #3	844943 TK #4
API Gravity @60/I	Calculated Average	D-287	10		10.4	10.8
Sulphur, %wt	Calculated Average	D-4294		2.00	1.44	1.55
Viscosity, CST @	50C Calculated Average	17 H SS SS D-445			516	473
Viscosity, SSF @	122F Calculated Average	© #50 #0-445/2161	75	300	243	223
Water by Distillation	MITANA NO	MAY D-95 D-95 D-473		1.0	0.1	0.2
Sediment by Extra	MITANA NO	D-473		0.1	0.04	0.05
Water & Sediment	A SINGLED INSPECTION REPORT/ANALYSIS CENCATIONS OF THE PRODUCT AT THE SPRAGUE NED TO THE GUSTOMEN FOR THE PURPOSE OF PENDENT! Y VERHIFED PRODUCT SPECIFICATION OF IT AGUES TERMINAL SHORE TAWK AS NOTED ON CHION REPORT IS NOT TO BE USED FOR ANY OF THE REPRAGUE DISCLAMES ANY WARRANTY OF	伝統定長 D-1796		1.0	0.10	0.10
Flash Pt/F	CTION REPORTED HE PRODECTION NOTECTION NOTECTION NOTECTION NOTECTION NOTECTION NOT TO BE USE TO SERVITE SERVITE SERVITE S	D SN D-93 B	150		242	247
Ash, %wt	NSPECTION REPORTING THE PRODUCT VISTOMER FOR THE PRODUCT VISTOMER FOR THE PRODUCT RMINAL SHORE TA RABILITY FOR THE SHORT TO BE US ABILITY FOR THE SHORT TO BE US ABILITY FOR THE SHORT TO BE US ABILITY FOR THE SHORT TO BE US	D-93 B D-93 B D-93 B D-93 B D-482 D-482 D-482 D-482		0.1	0.05	0.05
Vanadlum, ppm	13 15 15 15 15 15 15 15 15 15 15 15 15 15	NESS IP-470		300	48	49
Sodium, ppm	E ATTACHED INSE CCITICATIONS OF TE DATE OF INSE PENDENT! Y VERI PLAGUES TERMI CTION REPORT 18 CAMINS ANY LABI MERS SPRAGUE DI	IP-470 IP-470 IP-470 ONSTORERS USE ONSTORERS		60	12	14
Nitrogen, Wt %	CETCA CETCA	D-5762		0.55	0.3479	0.3632
Heat Of Combustion	Du' bet egge Si s Provice The indep BASIS IN S FAGUE DISC THE INSERTOR	D-240 D-240 Conversion	Report		18282	18291
Vanadlum, ppm Sodium, ppm Nitrogen, Wt % Heat Of Combustic Heat Of Combustic	SPRAGUE PROBESSALE ATT SPRAGUE PROBESSALE ATT SPRAGUE PROBESSALE ATT REPRESENTINGTHE WEED THIS ANALISIS IS PROVIDED THIS ANALISIS IS PROVIDED TO COMPOSITE BASIS IN SPLAY CETTFICATE THE INSPECTIO PURPOSE SPRAGUE DISCLAIL BY SPRAGUE TO CUSTOMER!	D-240	Report		151832	151468
Asphaltenes, Wt %	SENTING SENTIN	「 IP-143		14	4.65	4.32
Carbon Residue, 9	SPRAGUE PRO SPRAGUE PRO REPRESENTIN TERMINAL IN TERMINAL IN THIS ANALISIS ESTABLISHING A COMPOSITE CUERTHIONTE PURPOSE SPR PURPOSE SPR MERCHALLIN	D-4530		21	11.4	11.4
Pour Point,F	04m409.22	D-97		60	+42.8	+42.8
Api Gravity @60/F	Upper - Tag # 258531/ 258534	D-287	10		10.5	10.9
1	Middle Tag # 258532/ 258535				10.4	10.7
1	ower Tag # 258533/ 258536				10.4	10.7
Sulphur, %wt	Upper Tag # 258531/ 258534	D-4294		2.00	1.44	1.55
I	Middle Tag # 258532/ 258535				1.44	1.55
l	_ower Tag # 258533/ 258536				1.44	1.54
Viscosity, SSF @	122 Upper Tag# 258531/258534	D-445/2161	75	300	243	223
	Middle Tag# 258532/258535				241	223
	Lower Tag # 258533/258536				246	223